S #1173189

AGRICULTURAL STATISTICS 1979



United States Department of Agriculture



UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL STATISTICS 1979



UNITED STATES GOVERNMENT PRINTING OFFICE WASHINGTON: 1979

Agricultural Statistics, 1979

Agricultural Statistics 1979 was prepared under the direction of MELVIN L. KOEHN, Chief, Data Services Branch, Economics, Statistics, and Cooperatives Service. EILEEN JOHNSON was responsible for coordination and technical editorial work.

The cooperation of the many contributors to this publication is gratefully acknowledged. Source notes below each table credit the various Government agencies which collaborated in furnishing information.

CONTENTS

Down	Dage
Introduction	VII — Cattle, hogs, and sheep:
Weights, measures, and conversion factors V	Cattle and calves
weights, measures, and conversion factors v	Hogs
I—Grains:	Sheep and lambs
Total grain supply	Wool
Food grains:	Gosts and mohair
Wheat1	Meats and meat products
Rve	Hides
Rice	Livestock index numbers
Feed grains:	
Corn	VIII Dairy and poultry products:
Oats	Cows and dairy products
Barley	Chickens
Sorghum	Turkeys
Grain consumption	Eggs411
Feedstuffs54	
Animal units fed	IX - Farm resources, income, and expenses:
	Economic trends
II - Cotton, tobacco, sugar crops, and honey:	Farm property417
Cotton	Population and employment
Other fibers	Farm production and distribution435
Sugar	Prices and income
Sirups	Costs and expenses
Honey and beeswax93	
Tobacco	X-Taxes, insurance, cooperatives, and
	credit:
III - Oilseeds, fats, and oils:	Taxes and insurance
Cottonseed	Credit and loan programs
Flaxseed	Farmers' cooperatives
Peanuts	Rural electrification and telephones 494
Soybeans	
Sunflower	XI — Stabilization and price-support
Peppermint and spearmint	programs:
Olive oil	Price support
Margarine	Payments to producers
Shortening	Disaster provisions
Fats and oils	Marketing agreements and orders 519
	9797 A 1 Iv I
IV — Vegetables and melons:	XII - Agricultural conservation and
Vegetables and meions	forestry statistics:
Vegetable shipments	Conservation and pollution abatement
Vegetable consumption	programs
Commercial pack	Soil conservation programs
M. Builty tons muts and heatfurle and	Forestry
V - Fruits, tree nuts, and horticultural	Turpentine and rosin547
specialties: Fruits and berries	XIII - Consumption and family living:
Tree nuts	Population
Tea, cacao beans, and coffee	Food consumption
Mushrooms	Food and nutrition programs
Plowers	Prices at retail levels
Flowers	Frices at result severs
VI Hay, seeds, and minor field crops:	XIV - Miscellaneous statistics:
Hav	Agricultural imports and exports
Pasture and range	Commodity futures
Seeds	Fishery statistics
Rates of seeding	Refrigeration statistics
Beans, dry edible	Alaska statistics
Peas, dry	
Hope	
Popcorn	Index
- open II	

Introduction

Agricultural Statistics is published each year to meet the diverse needs for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture. A few tables were prepared in other Government Agencies.

Agencies.

The historical series in this volume have been generally limited to data beginning with 1964 or later.

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for Alaska are found in chapter XIV.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of that date.

multiplying the number of head by an estimated value per head as of that date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used. at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

WEIGHTS, MEASURES, AND CONVERSION FACTORS (See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity Unit 1	Unit 1	Appre	weight	Commodity	Unit 1	Appro	zimate reight
		U.S.	Metric			U.S.	Metric
Alfalfa seed	Bushel	Pounds 60 48	Kilograms 27.2 21.8	Celery	Crate 11 Lug (Camp-bell) 13	Pounds 60	Kilogran 27
Apples	Northwest box 2 Fiberboard	44	20.0	Cherries	Lug Bushel	16 20 60	7. 9 27
Apricota	box, cell pack Lug (Brent- wood) 3	37-44	16.8-20.0	Ear, husked . Shelled Meal	Bushel	1870 56 50	31 25 22
Western	4-basket crate4	26	11.8	Oil	Gallon	11.72	3
Globe	1/s-box	20	9.1		Mesh or paper	45-50	20.4-22
speragus	Bushel Crate Lug ⁵	50 30 12-15	22.7 13.6 5.4-6.8	Sweet	Wirehound crate Bale, gross	40-60 14 500	18.1-27
Sananas	Fiber folding box 5 Bushel	40 48	18.1 21.8	Cotton	Bale, net	14 480 18 32 10 7.7	14
Lima, dry	do	56	25.4 27.2	Cranberries	Bushel	100 25	27 48
Other, dry Lima, un- shelled	Sack	100	45.4 12.7-14.5	Cream, 40- percent butterfat	Gallon	8.36	3.
Snap	do	28-32	12.7-14.5	Cucumbers Dewberries Eggplant	Bushel	48 36 33	10
Bunched	Wirebound crate	45		Eggs, average size Escarole	Case, 30 dozen . Bushel	47.0 25	2
pack: Without	50-gal. barrel .	380	172	Figs, fresh	Box, single layer 17 Bushel	6 56	2
3 + 1 pack 2 + 1 pack llackberries	do do 24-qt. crate Bushel	425 450 36	193 204 16.3	Flaxseed Flour, various . Grapefruit: Florida and	Bag	100	1
Sluegrass seed Proccoli	Bushel Wirebound crate	14-30 20-25		Florida	1/s-box meeh heg	40 85	1 3
Broomcorn (6 bales per ton) . Broomcorn seed . Brussels sprouts Buckwheat	Bale	333 44-50 25 48	20.0-22.7 11.3	Texas	12/s bu. box	80	3
Butter	Box	64	29.0	Arizona	Box 18	1964 32	2
Sabbage	Wirebound crate?	50	100	California other than Desert	Box 18	67	9
Cantaloups	Western crate * Jumbo crate * .	80 83		Valleys Grapes:			
Without tops .	Bushel	50		Eastern	4-qt. climax basket 12-qt. basket Lug ²¹	18-20	8.2-
Castor beans	Bushel	50 41	18.6	Western	Lug ²¹ 4-basket crate ²³	20	
Castor oil	W.G.A. crate Fiberboard	10 8	3.6 22.7 - 27.2	Hempseed Hickory nuts Honey Honeydew	Bushel	50	2
Cauliflower	box, wrapper leaves re- moved, film-		-	Honeydew meions Hops	Jumbo crate 29 . Bale, gross	44	

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit 1	Approximate net weight		Commodity	Unit 1	Approx net w	cimate eight
	02	U.S.	Metric			U.S.	Metric
		Pounds	Kilograms		The Asset of	Pounds	Kilograms
Horseradish roots Hungarian millet seed .	(Bushel	35 100	15.9 45.4	Pears: California Other Western	Bushel do	48 80 46	21.6 22.7 20.5
Kale Kapok seed Lard	Bushel do do	48 and 50 18 35-40 375	21.8-22.7 8.2 15.9-18.1 170	Green, un- shelled Dry	Bushel	28-30 60 25-30	12.7-13.6 27.3 11.3-13.6
Lemons: California and Arizona	Box 34 Carton 30	39 76 38	34.5 17.2	Peppers, green Perilla seed Pineapples Plums and	Fiberboard carton Bushel Crate	30-34 37-40 70	13.6-15. 16.8-18.
Lettuce, hot-	Bushel Fiberboard box, carton	90 38-55	27.2 17.2-24.9	Plums and prunse: California	4-basket crate **	28-34	12.7-15.4
house	24-qt. basket Box Gallon	10 80 107.7	4.5 36.3	Other	1/2-bu. basket	28	12.7-10.5
Linseed oil Malt Maple strup Meadow feacue	Bushel Gallon	11.03	3.5 15.4 5.00	Popcorn: On ear Shelled Poppy seed	Bushel	13 70 56 46	31.4 25.4 20.1
Milk	Bushel Bushel	24 8.6 48-50	10.9 3.90 21.8-22.7	Potatoes	Bushel Barrel Beg	60 165 50 100	27. 74. 22. 45.
edible Molasses, inedible	Gallon	11.72	5.3 5.3	Rapeseed Raspberries	do Bushel do 24-qt. crute Bushel	50 and 60 36	22.7 - 27. 16.
Mustard seed . Oats Olives Olive oil	Bushel do	58-60 32 25-30 107.6	26.3-27.2 14.5 11.3-13.6	Redtop seed Refiners' sirup Rice:	Gallon	50 and 60 11.45	22.7 - 27. 5. 20.
Onions, dry Onions, green bunched	Sack	80 60-65	3.5 22.7 27.2-29.5	Rough Milled	Bushel	100 162 100	45. 73. 45.
Onion sets Oranges: Florida and	Bushel	28-32	12.7-14.5	Rosin	Drum, net Bushel	520 56 56	23 25 25 20
Техаз	Box 3	45 90	20.4 40.8	Rye Sesame seed Shallots	Crate (4-7 doz. bunches)	20-35	9.1 - 15.
California and Arizona	Carton®	37 1/3	34.0 17.0	Seed Sirup	Bushel Gallon	50 11.55	22 5.
Orchardgrass seed Palm oil Parsnips	Bushel Gallon Bushel	14 197.7 50	6.4 3.5 22.7 21.8	Sorghum grain Soyteans	Bushel	56 60 307.7	25. 27. 3.
Peaches	Lug box 21	48 20	21.8 9.1	Soybean oil Spelt	Bushel	18-20 36	8.2-9. 16.
Peanut oil	fruit box Gallon	≥18 197.7	8.2 3.5	Sudangrase seed	24-qt. crate 12-pt. crate Bushel	9-11	4.1-5.
unshelled: Virginia type Runners, south-	Bushel	17	7.7	Sugarcane sirup (sulfured or unsulfured)	Gallon	11.44	
eastern . Spanish: South-	do	21	9.5	Sunflower seed	Bushel	11.45 24 and 32	10.9-14
eastern . South- western .	do	25 25	11.3	Sweetpotatoes . Tangerines, Florida	Crute	50 471/a	22.

See footnotes on page IX.

WEIGHTS AND MEASURES-Continued

Commodity	Unit 1	Approximate net weight		Commodity	Unit 1	Approximate net weight	
	a sed produ	U.S.	Metric			U.S.	Metric
Timothy seed	Bushel	Pounds 45	Kilograms 20.4	Tung oil	Gallon	Pounde 197.8	Kilograms 3.t
Maryland	Hogshead	775 950 975 1,150	352 431 442 522	Without tops Bunched Turpentine Velvetbeans	Mesh sack Crate 5	70-80 7.23	31.8-36.3 3.3
Virginia fire-cured Kentucky and	do	1,380	612	(hulled)	Bushei	60 60 50 8.33	27.1 27.1 22.1 3.1
fire-cured Cigar-leaf	Case	1,500 250-368 150-178	680 113-166 68.0-79.4	Watermelons .	Meions of average or medium		
Tomatoes	Crate Lug box 21 2-layer flat	80 32 21	27.2 14.5 9.5	Wheat Various com- modities	Bushel Short ton Long ton	25 60 2,000 2,240	27. 90
hothouse	13-qt. basket .	20	9.1	months	Metric ton	2,204.6	1,010

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To		Multiply by
Kilograms .	 	0.45359237

CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples	. 1 pound dried	7 nounds fresh: harinning 1943 & nounds fresh
Do		7 pounds fresh; beginning 1943, 8 pounds fresh 5 pounds fresh 1.4 bushels fresh
Do	1 case canned *	1.4 heahels fresh
pplesauce	do B	. 1 1.2 bushels fresh
pricots	. I pound dried	6 pounds fresh
larley flour	. 100 pounds	6 pounds fresh 4.50 bushels barley 2 pounds unshelled 0.006 ton fresh
leans, lima	. 1 pound shelled	. 2 pounds unshelled
leans, snap or wax	. I case canned	. 0.006 ton fresh
RICEWDeat Hour	. 100 pounds	. 3.47 husbels buckwheet
alves	. 1 pound live weight	. 0.557 pound dressed weight (1954 - 63 average) 0.561 pound dressed weight (1954 - 63 average)
attle	do	. 0.561 pound dressed weight (1954-63 average)
ane sirup	. 1 galion	
hickens	1 case canned a 1 pound live weight 1 bushel (56 lbs.)	. 0.023 ton fresh
orn, shelled	. I pound live weight	. 0.72 pound ready-to-cook weight 2 bushels (70 pounds) of husked ear corn 0.030 ton fresh
orn, sweet	. 1 case canned so	. 2 bushess (70 pounds) of husked ear corn
ornmeal:	. I case carmed	. 0.000 ton freah
Degermed	. 100 pounds	9.16 bushala com bostonino 1040
Degermed	. do	2 husbala corn, beginning 1946
otton	. 1 pound ginned	3.16 bushels corn, beginning 1946 2 bushels corn, beginning 1946 3.26 pounds seed cotton, including trash ⁹⁴ 2.10 pounds cottonseed 5.88 pounds cottonseed
otton ottonseed meal	. 1 pound	2.10 pounds cottoneed
ottonseed oil	do	5.88 pounds cottonwed
airy products:		· Vivo pound contracts
Butter	do	. 21.1 pounds milk
Cheese	do	. 10 pounds milk
Condensed milk, whole	do	. 10 pounds milk . 2.3 pounds milk
Dry cream	do	19 pounds milk
Dry milk, whole	do	. 7.6 pounds milk
Evaporated milk, whole	do	. 2.14 pounds milk
Malted milk	do	. 2.6 pounds milk
Nonfat dry milk		. 11 pounds liquid skim milk
Ice cream 30	. 1 gallon	. 15 pounds milk
toe cream - (emminating lat from		
butter and concentrated milk)		. 12 pounds milk
gos, shell	. 1 case	47 pounds 39.5 pounds frozen or liquid whole eggs 10.3 pounds dried whole eggs
go, snell	do	. 39.5 pounds frozen or liquid whole eggs
Do		. 10.3 pounds dried whole eggs
	. 1 pound dried	. 3 pounds fresh in California; 4 pounds fresh else- where
leverel	1 hoshal	. About 21/2 gallons oil
axseedrapefruit, Florida	. 1 bushel 1 case canned juice *	0.64 box fresh fruit
Ogs	. 1 pound live weight	. 0.579 pound dressed weight, excluding lard (1954-6
•	- pound into media	average)
inseed meal	. 1 pound	. 1.51 pounds flavored
inseed oil	do	. 2.77 pounds flaxmend
alt	. 1 bushel (34 lbs.)	. 1.51 pounds flaxmed 2.77 pounds flaxmed 1 bushel barley (48 lbs.) 8 pounds maple sugar
aple sirup	. 1 gallon	. 8 pounds maple sugar
ute:		
Almonds imported	. 1 pound shelled	. 31/s pounds unshelled
Almonds, California	do	. 2.22 pounds unshelled through 1949; 2 pounds thereafter
		thereafter
Brazil		. 2 pounds unshelled
Cashews	do	. 4.55 pounds unshelled
Chestnuts	do	. 1.19 pounds unshelled
Filberts	do	. 2.22 pounds unshelled through 1949; 2.5 pounds
Pecana:		thereafter
Goodling		000 1 1 1 1 1
Seedling	do	. 2.78 pounds unshelled . 2.50 pounds unshelled
Pignolies	do	. 2.00 pounds unshelled
Pignolias Pistachios Walnuts:	do	. 1.3 pounds unshelled
Walnuts		. 2 pounds unshelled
Black	do	5 00 seconds unaballed
Persian (English)	do	2.67 pounds unshalled
atmeal	. 100 pounds	5.88 pounds unshelled 2.67 pounds unshelled 7.6 bushels outs, beginning 1943
atmeal ranges, Florida saches, California, freestone	1 case canned inica	0.53 box fresh
eaches, California, freestone	. 1 case canned juice * 1 pound dried	51/s pounds fresh through 1918: 6 pounds fresh for
		1919 28: and 61/a nounds fresh from 1999 to date
eaches, California, clingstone	do	71/2 nounda fresh
saches, clingstone	. 1 case canned **	1 bushel fresh
Do	do	71/2 pounds fresh 1 bushel fresh 0.0230 ton fresh
eanute	1 pound shelled	. 1º/s pounds unshelled
ears	. I I pound dried	. 61/2 pounds fresh
ears, Bartlett	. 1 case canned *	. 1.1 bushels fresh
Do	do	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent		
Peas, green	1 pound shelled	2½ pounds unshelled		
Do	1 case canned 81	0.009 ton fresh (shelled)		
Prunes		2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere		
Raisins	1 pound	4.3 pounds fresh grapes		
Raisins	100 pounds	152 pounds rough or unhulled rice		
Rye flour	do	2.23 bushels rye, beginning 1947		
Sheep and lambs	1 pound live weight	0.482 pound dressed weight (1954-63 average		
Soybean meal	1 pound	1.27 pounds soybeans		
Soybean oil		5.49 pounds soybeans		
	do	0.9346 ton refined		
Sugar	1 ton raw			
Tobacco	1 pound farm-sales weight	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)		
Tomatoes	1 case canned 80	0.018 ton fresh		
Turkeys	1 pound live weight	0.80 pound ready-to-cook weight		
Wheat flour	100 pounds	2.30 bushels wheat *		
Wool, domestic apparel shorn	1 pound greasy	0.48 pound scoured		
Wool, domestic apparel pulled	. do	0.73 pound scoured		

1 Standard bushel used in the United States contains 2,180.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,836 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as applies and potatose sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,180.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

2 Approximate inside dimensions, 10% by 11% by 16% inches.

3 Approximate inside dimensions, 4% by 12% by 16% inches.

4 Approximate inside dimensions, 4% by 12 by 32 inches.

4 Approximate inside dimensions, 4% by 12 by 32 inches.

5 Approximate inside dimensions, 13 by 12 by 23 inches.

5 Approximate inside dimensions, 13 by 13 by 21% inches.

5 Approximate inside dimensions, 13 by 13 by 22% inches.

5 This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

11 Approximate inside dimensions, 9% by 16 by 20 inches.

12 Approximate inside dimensions, 9% by 16 by 20 inches.

13 Approximate inside dimensions, 9% by 16 by 20 inches.

14 Por statistical purposes the bale of cotton is 500 pounds of shelled corn.

14 For statistical purposes the bale of cotton is 500 pounds of shelled corn.

15 This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

25 Approximate inside dimensions, 9% by 10% by 15 inches.

26 Approximate inside dimensions, 9% by 10% by 15 inches.

27 Approximate inside dimensions, 9% by 10% by 15 inches.

- weight was estimated at 470 pounds. Actual these wages are bales of foreign cotton differ from that of the American square bale.

 14 This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

 15 Approximate inside dimensions, 1% by 10% by 16% inches.

 16 Approximate inside dimensions, 11% by 11% by 24 inches.

 17 In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for cranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 66 pounds. The new weights effective in 1964 reflect the shift from the "box" to the %-box carton as the container used.

 26 Approximate inside dimensions 10% by 10¹¹/18 by 16% inches for oranges or lemons, and 9% by 10¹¹/18 by 16% inches for grapefruit.

 27 Approximate inside dimensions, 5% by 13 by 16% inches.

 28 Approximate inside dimensions, 7% by 16 by 16% inches.

 29 Approximate inside dimensions 12 by 12 by 21% inches.

 20 Approximate inside dimensions 12 by 12 by 24 inches.

 20 Approximate inside dimensions 12 by 12 by 24 inches.

 28 Approximate inside dimensions, 12 by 10% by 35 inches.

 29 Approximate inside dimensions, 12 by 10% by 35 inches.

 20 Approximate inside dimensions, 26% by 11% by 18 inches.

 20 Approximate inside dimensions, 26% by 11% by 18 inches.

 21 Inside dimensions vary. Ranges from 4 by 16 by 16% inches to 6 by 16 by 16% inches.

 20 Includes both sorghum grain (asift, milo, begari, etc.) and sweet sorghum varieties.

 21 Inside dimensions vary. Ranges from 4 by 16 by 16% inches to 6 by 16 by 16% inches.

 22 Includes both sorghum grain (asift, milo, begari, etc.) and sweet sorghum varieties.

 23 Includes both sorghum grain (asift, milo, begari, etc.) and sweet sorghum varieties.

 24 Includes both sorghum grain (asift, milo, begari, etc.) and sweet sorghum varieties.

 25 Includes both sorghum grain (asift, milo, begari, etc.) and sweet sorghum varieties.

STREET, STREET

the breaking area and as a day of

CHAPTER I

STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

Table 1.—Total grain: Supply and disappearance, United States, 1964-78

		Sup	ply		1			
Year 1	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disap- pearance	Ending stocks
	Million metric tons	Million metric tota						
964	91.9	160.7	0.4	253.0	134.9	41.3	176.2	76.9
965	76.9	183.4	. 4	260.7	150.4	51.7	202.1	58.0
966	58.6	184.2	.4	243.1	148.9	44.4	193.3	49.5
967	49.9	207.9	.3 .5 .5 .5	258.1	150.3	44.7	195.1	63.0
968	63.0	202.4	.3	265.7	159.2	34.1	193.3	72
969	72.4	205.2	.5	278.1	166.3	38.2	204.5	73
970	73.6	186.7	.5	260.8	164.0	41.4	205.4	55.
971	55.4	237.5	.3	293.3	175.5	43.8	219.3	73.
972	73.9	228.1	.4	302.3	161.3	72.6	254.0	48.
973	48.2	237.6	.3	286.1	178.1	76.4	254.5	31.
974	31.6	204.4	.6	236.5	142.2	66.7	208.8	27.
978	27.6	248.6	.6	276.8	155.1	84.5	239.7	37.
976	37.1	257.3	.5	294.9	153.2	79.4	232.6	62.
9772	62.1	263.8	.4	326.3	161.5	90.2	251.7	74.
9782	74.6	273.3	.3	348.2				

Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.
Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 2.—Wheat: Area, yield, production, disposition, and value, United States,

per har- vested acre	Production				price	e
vested		For seed	Fed to live- stock	Sold	per bushel received by farmers 2	Value of production
	1,000	1,000	1,000	1,000	Dol-	1,000
Bushels 25.8	bushels 1.283.371	bushels 41.198	bushels 31,422	bushels 1,210,751	lars 1.37	dollars 1,756,970
26.5	1,315,603	39,452	41,823	1,234,328	1.35	1,774,538
26.3	1,304,889	46,259	25,929	1,232,701	1.63	2,129,868
25.8	1,507,598	46,005	42,418	1.419.175	1.39	2,090,107
28.4	1,556,635	39,456	59,396	1,457,783	1.24	1,929,131
30.6	1.442,679	33,347	58,529	1,350,803	1.25	1,795,738
31.0	1.351,558	35,440	59,860	1,256,258	1.33	1,803,241
33.9	1.618,636	37,300	71,768	1,509,568	1.34	2,167,797
32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
	1,781,918	54,996	32,300	1,694,622	4.09	7,287,192
	2,122,459				3.56	7,534,851
						5,851,443
						4,742,686 5,280,467
1	1 30.6 1 30.3	1 30.6 2,122,459 1 30.3 2,142,362 1 30.6 2,036,318	1 30.6 2,122,459 395, 1 30.3 2,142,362 103, 1 30.6 2,036,318 117,	1 30.6 2,122,459 295,299 1 30.3 2,142,362 103,916 1 30.6 2,036,318 117,297	11 30.6 2,122,459 395,299 2,027,160 11 30.6 2,036,318 117,297 1,919,021	11 30.6 2,122,459 395,299 2,027,160 3.56 13 30.3 2,142,362 103,916 2,038,446 2.73 13 30.6 2,036,318 117,297 1,919,021 2,33

See footnotes on page 3.

Totals may not add due to independent rounding.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1964-78

Year	Ar	Area		Production	Season average price per bushel	Value of				
	Planted 1	Harvested	vested acre		received by farmers 2	production				
III-k	Winter wheat									
964	1,000 acree 43,632 45,142 42,746 53,649 48,667 42,338 37,623 38,072 42,183 52,023 55,881 57,668 56,295 47,730	1,000 acres 38,075 37,586 38,616 45,039 41,929 36,903 32,702 34,859 38,747 46,778 51,307 49,460 48,684 38,909	Bushels 26.8 27.1 27.4 26.5 29.0 31.2 33.4 35.4 34.0 29.4 32.0 31.5 31.6 32.1	1,000 bushels 1,020,987 1,017,075 1,057,371 1,194,119 1,217,555 1,131,439 1,091,744 1,145,011 1,186,488 1,278,230 1,375,536 1,640,396 1,559,923 1,537,113	Dollars 1.35 1.71 3.72 3.91 3.38 2.72 2.28 2.29	1,000 dollars 1,544,116 1,745,524 5,370,400 5,531,905 4,253,226 3,500,357 3,728,187				
	Durum wheat 4									
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	1,000 acres 2,519 2,491 2,826 3,715 3,466 2,167 2,943 2,592 4,174 4,830 4,748 3,183 4,110	1,000 acres 2,467 2,296 2,423 3,621 3,420 2,105 2,864 2,550 2,884 4,099 4,680 4,584 4,094	Bushels 27.6 30.4 25.9 24.1 27.5 31.7 25.1 32.1 28.6 27.2 19.8 26.4 29.4 26.4 33.1	1,000 bushels 68,146 69,866 62,638 66,443 99,644 108,403 52,771 91,805 72,912 78,455 81,245 123,362 134,914 79,964 133,328	Dollars 1.31 1.93 6.16 5.96 4.66 2.95 2.69 2.87	1,000 dollars 120,386 141,040 483,002 484,041 575,028 398,856 215,413 382,594				
		Other spring wheat 5								
1964	1,000 acres 9,521 9,858 8,668 10,789 9,478 7,646 8,949 12,807 10,138 12,801 14,847 14,075 17,786 15,641	1,000 acres 9,220 9,678 8,574 10,560 9,215 7,423 8,757 12,451 19,994 12,517 14,491 13,404 16,727 14,772 13,906	Bushels 21.1 23.6 21.6 23.4 26.0 27.3 23.6 30.7 29.0 28.3 22.4 26.8 26.8 28.4 30.0	1,000 bushels 194,238 128,662 184,890 247,036 202,837 207,043 381,820 286,799 384,112 325,147 358,701 447,525 419,241 417,112	1.32 1.89 4.28 4.41 3.98 2.45 2.45 2.26	1,000 dollars 503,331 542,830 1,516,100 1,432,751 1,127,831 1,199,361 1,169,686				

Seeded in preceeding fall for winter wheat.
 Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.
 Preliminary.
 Includes California, Minnesota, Montana, North Dakota, and South Dakota; 1976 and 1977 also includes Arizona and New Mexico, 1976 includes Arizona.
 Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 4. - Wheat: Stocks on and off farms, United States, 1964-78

Year		On fi	arms .		Off farms 2				
beginning October	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 11	
- 198				Allw	wheat				
964 965 966 967 968 969 970 971 972 973 973	1,000 bushels 503,656 558,314 537,841 601,483 727,772 752,200 663,673 826,860 730,210 608,466 680,469	1,000 bushels 389,672 406,337 406,879 506,227 576,932 609,443 526,092 694,549 510,202 364,382 446,289	1,000 bushels 263,450 255,593 237,852 361,015 460,476 456,499 381,098 525,743 316,063 181,704 274,106	1,000 bushels 132,515 130,774 144,890 229,548 325,906 307,093 240,276 355,050 133,923 89,455	1,000 bushels 1,305,655 1,145,702 896,351 954,667 951,545 1,120,224 1,124,797 1,046,932 1,140,699 843,084 881,665	1,000 bushels 1,059,621 930,676 640,577 704,490 764,418 923,375 863,878 853,100 868,801 563,952 661,171	1,000 bushels 881,757 661,743 461,370 477,090 648,980 740,747 684,961 611,253 366,441 387,982	1,000 bushels 684,744 404,399 279,525 309,000 490,754 577,786 491,202 508,203 304,578 158,203	
975 976 977 978 ³	755,500 833,264 1,035,056 1,032,852	547,623 665,407 831,294 815,447	342,624 510,976 639,851 628,716	235,485 426,336 492,937	1,129,044 1,354,946 1,365,322 1,104,169	838,028 1,116,376 1,162,459 816,364	594,151 878,534 887,832 592,470	429,766 685,912 683,790	
				Durum	wheat	-			
1964	1,000 bushels 57,043	1,000 bushels 47,873	1,000 bushels 39,921	1,000 bushels 19,519	1,000 bushels 47,335	1,000 bushels 46,500	1,000 bushels 42,213	1,000 bushels 48,249	
1965 1966 1967 1968	75,997 61,896 58,269 90,938 108,418	57,608 39,769 49,015 64,949 92,460	48,993 28,617 32,891 50,724 81,498	24,029 18,349 18,181 29,626 63,140	48,387 33,806 19,475 16,451 23,187	42,402 24,342 14,338 21,030 20,285	34,294 16,646 13,386 17,429 16,441	30,386 10,536 6,143 11,583 17,584	
1970 1971 1972	83,853 105,737 91,538 67,903	69,660 94,340 72,016 49,251	56,120 75,345 48,249 34,390	41,672 48,086 19,979 18,058	25,591 27,070 24,458 21,460	24,803 24,928 25,910 18,433	22,856 24,959 23,132 16,516	16,817 21,166 16,891 9,936	
1974 1975 1976	70,196 87,406 110,544 103,462	51,832 65,412 94,999 81,891	37,836 53,033 79,347 61,635	14,593 38,906 70,643 49,626	21,377 27,657 39,571 36,338	18,727 20,528 32,631 26,524	11,498 18,065 28,895 29,754	6,71: 14,55 21,12 17,26	
1977 1978 ³	120,309	98,694	83,662	49,626	30,012	18,312	21,741	17,26	

¹Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.
²Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

³Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

FOOTNOTES FOR TABLE 2

¹Includes area seeded in preceding fall for winter wheat.

²Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³Beginning 1975, not estimated separately.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board.

Table 5. - Wheat: Supply and disappearance, United States, 1964-78

		Suj	oply				Disapp	earance			
Year beginning June	Begin- ning	Produc-	Im-	Total	11-01	Domes	itic use		Exports 1	Total disap-	Ending stocks May 31
Julio	stocks	tion	ports 1	10.00	Food 2	Seed	Feed ³	Total	Liquid	pear- ance	may or
1004	Million bushels	Million bushels	Million	Million bushels	Million bushels	Million bushels	Million bushels 55	Million bushels	Million	Million bushels	Million
1964	993 921	1,283 1,316	1	2,279	514 518	66 61	146	635 725	723 852	1,358	921 660
1966	660	1.305	2	1.967	505	77	101	683	771	1.454	513
1967	513	1.508	ī	2.021	518	71	37	626	765	1,391	630
1968	630	1.557	1	2,188	522	61	157	740	544	1,284	904
1969	904	1,443	3	2.350	520	56	188	764	603	1.367	904 983
1970	963	1.352	1	2.336	517	62	193	772	741	1.513	823
1971	823	1.618	1	2.442	524	63	262	849	610	1,459	983 597
1972	983	1,546	1	2,530	532	67	200	799	1,135	1,934	597
1973	4597	1,711	3	2,311	544	84	126	754	1.217	1.971	340
1974	340	1,782	3	2,125	545	92	35	672	1.018	1,690	435
1975	435	2,122	3 2 3	2,559	589	99	33	721	1,173	1,894	665
1976	665	2,142	3	2,810	588	92	68	748	950	1,698	1,112
19775	1,112	2,036	2 2	3,150	586	80	183	849	1,124	1,973	1,177
19788	1,177	1,799	2	2,978							

¹ Imports and exports include flour and other products expressed in wheat equivalents.

² Used for food in the United States, U.S. Territories, and by the military.

³ Residual; approximates feed use.

⁴ Excludes an abnormally large volume of grain in transit.

⁵ Perliminary.

Economics, Statistics, and Cooperatives Service - Economics. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1974-771

	1	ear begin	ning Jur	ie		1	ear begin	nning Jun	ie.
Item	1974	1975	19762	19772	Item	1974	1975	19762	19773
All wheat: Stocks, June 1 Production	Million bushels 340 1,782	Million bushels 435 2,122	Million bushels 665 2,142	Million bushels 1,112 2,036	Hard red spring: Stocks, June 1 Production	Million bushels 87 293	Million bushels 104 327	Million bushels 116 411	Million bushels 250 398
Supply ³	2,125	2,559	2,810	3,150	Supply 3	382	432	528	649
Exports 4	1,018	1,173	950	1,124	Exports ⁴ Domestic disap-	130	160	124	156
Domestic disappearance	672	721	748	849	pearance	148	156	154	161
Stocks, May 31	435	665	1,112	1,177	Stocks, May 31	104	116	250	332
Hard red winter: Stocks, June 1 Production	170 883	225 1,058	379 976	605 992	Durum: Stocks, June 1 Production	33 81	26 123	53 135	92 80
Supply	1,053	1,283	1,355	1,597	Supply ³	114	150	190	173
Exports 4	510 318	581 323	418 332	535 428	Exports ⁴	47	52 45	41 57	62 44
Stocks, May 31	225	379	605	634	Stocks, May 31	26	53	92	67
Soft red winter: Stocks, June 1 Production	23 273	37 326	57 336	72 350	White: Stocks, June 1 Production	27 252	43 288	60 284	93 216
Supply	296	363	393	422	Supply ³	280	331	344	309
Exports ⁴	136 123	165 141	181 140	197 154	Exports 4	195 42	215 56	186 65	174 62
Stocks, May 31	37	57	72	71	Stocks, May 31	43	60	93	73

¹Data except production are approximations. ²Preliminary. and exports include flour and other products in wheat equivalents.

³ Total supply includes imports. ⁴ Imports

Economics, Statistics, and Cooperatives Service - Economics.

Table 7. - Wheat: Area, yield, and production, by States, 1976-78

State	Are	ea plante	rd :	Are	a harves	ted	Yield	per har acre	vested	1	Production	
Amil	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19783
	1,000	1,000	1,000	1,000	1,000	1,000	Bush-	Bush-	Bush-	1.000	1.000	1.000
	acres	acres	acres	acres	acres	acres	els	els	els	bushels	bushels	bushels
Ala	140	135	130	85	90	65	27.0	28.0	26.0	2,295	2,520	1,690
Ariz	440	147	145	431	140	138	75.0	72.0	70.0	32,325	10,080	9,660
rk	710	825	400	630	660	300	39.0	39.0	37.0	24,570	25,740	11,100
Calif	1,150	915	770	940	678	715	63.5	64.5	64.1	59,720	43,700	45,82
Colo	3,150	3,030	2,950	2,440	2,575	2,444	21.8	22.2	23.4	53,200	57,225	57,268
Ta	19	40 19	17	40 14	35 13	28 12	35.0	30.0	36.0	1,400	1,050	1,000
ia	150	135	160	115	100	120	31.0	33.0	32.0	3,565	377	432
daho	1.575	1.330	1.360	1.430	1.190	1.295	47.8	42.6	57.7	68,320	3,300 50,730	3,840 74,730
11	1,900	1,650	1.050	1.850	1.570	930	39.0	43.0	38.0	72,150	67,510	35,340
nd	1,550	1,350	900	1,500	1.240	815	36.0	45.0	39.0	54,000	55,800	31,78
owa	145	130	75	130	109	55	35.0	37.0	31.0	4,550	4.033	1,70
Kans	12.900	13.200	11.300	11,300	12,100	10,200	30.0	28.5	30.0	339,000	344,850	306,000
ζy	450	380	280	330	274	195	31.0	37.0	35.0	10,230	10,138	6.82
A	45	50	40	23	25	17	33.0	34.0	36.0	759	850	613
Md	150	140	115	138	120	108	38.0	36.0	37.0	5.244	4.320	3,996
Mich	880	870	470	870	825	450	38.0	40.0	40.0	33,060	33,000	18,000
Minn	4,155	3,425	2,850	4,056	3,327	2,776	32.2	39.6	33.6	130,482	131,894	93,225
Miss	150	140	100	120	105	65	29.0	34.0	31.0	3,480	3,570	2,01
Mo	2,025	2,000	960	1,760	1,760	840	33.0	39.0	34.0	58,080	68,640	28,56
Mont	5,580	5,400	5,100	5,415	5,060	4,840	30.9	25.9	30.2	167,295	130,920	146,054
Nebr	3,400	3,300	2,900	2,950	2,950	2,550	32.0	35.0	32.0	94,400	103,250	81,60
Nev	34	30	29	31	28	26	54.1	55.7	59.2	1,677	1,560	1,54
N.J	63	61	48	58	42	33	42.0	31.0	36.0	2,310	1,302	1,18
N.Mex	528	555	477	262	425	298	26.0	21.5	19.0	6,825	9,137	5,66
N.Y	185	190	86	175	175	75	38.0	39.0	35.0	6,650	6,825	2,62
N.C N.Dak	275 11,930	235 9,960	220	240	200	180	29.0	30.0	33.0	6,960	6,000	5,94
Ohio	1,700	1,580	9,760	11,655	9,254	9,585	24.7	24.8 47.0	29.8 39.0	287,830 64,000	229,907	286,06
Okla	7,800	7,800	7.000	6,300	6.500	1,125 5,400	40.0 24.0	27.0	27.0	151,200	72,380 175,500	43,87 145,80
Oreg	1,370	1,306	1,285	1,333	1,230	1.225	45.2	38.7	42.4	60,301	47,620	51,92
Pa	315	285	255	300	270	245	30.0	33.0	33.0	9,000	8,910	8,06
S.C	138	107	95	125	95	78	26.0	29.0	33.0	3,250	2,755	2,57
S.Dak	3,950	3,655	3,575	2.990	3,016	3,090	13.2	23.9	21.4	39,520	71,964	66,00
Tenn	365	373	310	300	280	220	37.0	36.0	35.0	11,100	10,000	7,70
Tex	6,500	6,300	5,700	4,700	4,700	2,700	22.0	25.0	20.0	103,400	117,500	54,00
Utah	300	251	215	264	204	188	24.7	23.1	29.8	6.519	4,716	5,59
Va	275	250	205	240	205	155	32.0	31.0	35.0	7,680	6.355	5,42
Wash	3.285	3,120	3.120	3,200	2.985	2.910	45.0	33.9	46.0	144.050	101,305	133,98
W.Va	13	12	11	11	10	9	32.0	31.0		352	310	29
Wis	98	83	48	93	75	45	34.8	41.0	34.7	3,238	3,075	1.50
Wyo	370	353	351	330	281	294	24.1	20.0	25.9	7,955	5,620	7,60
U.S	80,202	75,119	66,094	70,771	66,461	56,839	30.3	30.6	31.6	2,142,362	2,036,318	1,796,71

¹ Includes area seeded in preceding fall for winter wheat.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 8.-Wheat, by kinds: Area, yield, and production, by States, 1976-78

State	Are	ea plante	rd 1	Are	a harve	sted	Yield	per har acre	vested	1	Production	
State	1976	1977	19782	1976	1977	19782	1976	1977	19783	1976	1977	1978 2
						Win	ter who	eat		The same		
	1,000	1,000	1,000	1,000	1,000	1,000	Bush-	Bush-	Bush-	1,000	1000	1,000
410	acres 140	acres 135	acres 130	acres 85	acres 90	acres 65	els 27.0	els 28.0	els	bushels 2,295	bushels 2,520	bushels
Ariz	115	58	50	112	55	47	75.0	72.0	26.0 70.0	8,400	3,960	1,69
rk	710	825	400	630	660	300	39.0	39.0	37.0	24,570	25.740	11,10
alif	1.060	885	650	860	650	600	62.0	64.0	62.0	53,320	25,740 41,600	37.20
olo	3,100	3,000	2.900	2,400	2,550	2,400	21.5	22.0	23.0	51,600	56,100	37,20 55,20
lel	44	40	32	40	35	28	35.0	30.0	36.0	1,400	1,060	1,00
la	19	19	17	14	13	12	30.0	29.0	36.0	420	377	433
	150	135	160	115	100	120	31.0	33.0	32.0	3,565	3,300	3,84
daho	1,010	950	870	890	830	815	44.0	39.0	54.0	39,160	32,370	44,010
11	1,900 1,550	1,650	1,050	1,850	1,570	930	39.0	43.0	38.0	72,150	67,510	35,340
nd	1,550	1,350	900	1,500	1,240	815 55	36.0 35.0	45.0 37.0	39.0 31.0	54,000 4,550	55,800 4,033	31,780
ans	12.900	13,200	11,300	11,300	12,100	10,200	30.0	28.5	30.0	339,000	344,850	1,700
y	450	380	280	330	274	195	31.0	37.0	35.0	10,230	10,138	6,82
A	45	50	40	23	25	17	33.0	34.0	36.0	759	850	612
4d	150	140	115	138	120	108	38.0	36.0	37.0	5,244	4,320	3,996
Mich	880	870	470	870	825	450	38.0	40.0	40.0	33,060	33,000	18,000
Minn	180	140	70	163	105	58	26.0	33.0	29.0	4,238	3,465	1,683
dies	150	140	100	120	105	65	29.0	34.0	31.0	3,480	3,570	2.018
do	2,025	2,000	960	1,760	1,760	840	33.0	39.0	34.0	58,000	68,640	28,560
dont	3,200	3,050	2,900	3,080	2,800	2,700	32.0	29.0	31.0	98,560	81,200	83,700
lebr	3,400	3,300	2,900	2,950	2,950	2,550	32.0	35.0	32.0	94,400	103,250	81,600
iev	19 63	17 61	12	18 55	16	11	65.0	60.0	65.0 36.0	1,170	960	710
N.Mex	510	551	48 477	245	42 421	33 298	42.0 23.0	31.0 21.0	19.0	2,310 5,635	1,302 8,841	1,180 5,660
Y	185	190	86	175	175	75	38.0	39.0	35.0	6,650	6,825	2,62
i.C	275	235	220	240	200	180	29.0	30.0	33.0	6.960	6.000	5.94
.Dak	140	160	160	135	104	135	28.0	23.0	29.0	3,780	2,392	3.91
Ohio	1,700	1,580	1,200	1,600	1,540	1.125	40.0	47.0	39.0	64,000	72,380	43,87
)kla	7,800	7,800	7,000	6,300	6,500	5,400	24.0	27.0	27.0	151,200	175,500	145,800
reg	1,250	1,230	1,150	1,220	1,160	1,100	46.0	39.0	43.0	56,120	45,240	47,30
a	315	285	255	300	270	245	30.0	33.0	33.0	9,000	8,910	8,08
.C	138	107	95	125	95	78	26.0	29.0	33.0	3,250	2,755	2,57
.Dak	1,190 365	1,160	1,080	970	680	700	18.0	25.0	26.0	17,460	17,000	18,200
enn	6,500	6,300	310 5,700	4,700	280 4,700	220	37.0 22.0	36.0 25.0	35.0 20.0	11,100 103,400	10,080	7,70
ex	250	225	190	222	180	167	23.5	23.0	29.0	5,217	4,140	4.84
a	275	250	205	240	205	155	32.0	31.0	35.0	7,680	6,355	5,42
Vash	2.960	2.920	2,800	2.885	2.800	2,600	46.0	34.0	47.0	132,710	95,200	122.20
V.Va	13	12	11	11	10	9	32.0	31.0	33.0	352	310	29
Vis	67	65	35	64	60	33	37.0	43.0	36.0	2,368	2.580	1,18
Vyo	330	327	327	295	260	275	24.0	20.0	26.0	7,080	5,200	7,15
U.S	57,668	56,295	47,730	49,460	48,664	38,909	31.5	31.6	32.1	1,559,923	1,537,113	1,248,27
						Duru	m whe	at ³				
	1,000	1,000	1,000	1,000	1,000	1,000	Bush-	Bush-	Bush-	1,000	1,000	1,000
Aria	acres 325	acres 89	acres 95	acres 319	acres es	acres 91	75.0	72.0	70.0	bushels 23,925	bushels 6 120	bushels
Ariz	90	30	120	80	85 28	115	80.0	75.0	75.0	6,400	6,120 2,100	6,370 8,62
dinn	95	85	100	93	82	98	29.5	34.5	38.5	2,744	2,100	3,77
Mont	300	230	300	295	220	290	29.0	22.0	30.0	8,555	4.840	8,70
.Mex.4	18	4		17	4		70.0	74.0	00.0	1,190	296	0,10
T Dal	3,710	2,600	3,300	3,620	2,470	3,240	25.0	24.5	31.5	90,500	60,515	102.06
LUBK												
Dak	210	145	195	160	136	190	10.0	24.0	20.0	1,600	3,264	3,80

See footnotes at end of table.

Table 8. — Wheat, by kinds: Area, yield, and production, by States, 1976-78 — Continued

State	An	ea plant	rd 1	Are	a harve	sted	Yield	per har acre	vested	1	Production	
	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	1978:
						Other a	pring w	heat				
Colo	1,000 acres 50	1,000 acres 30	1,000 acres 50	1,000 acres 40	1,000 acres 25	1,000 acres 44	Bush- els 40.0	Bush- els 45.0	Bush- els 47.0	1,000 bushels 1,600	1,000 bushels	1,000 busheis
daho	565 3,880	380 3,200	490 2,680	540 3,800	360 3,140	480 2.620	54.0 32.5	51.0 40.0	64.0 33.5	29,160 123,500	1,125 18,360 125,600	2,06 30,72 87,77
Mont Nev N.Dak	2,080 15 8,080	2,120 13 7,200	1,900 17 6,300	2,040 13 7,900	2,040 12 6,680	1,850 15 6,210	29.5 39.0 24.5	22.0 50.0 25.0	29.0 55.0 29.0	60,180 507 193,550	44,880 600 167,000	53,656 82 180,09
Oreg S.Dak Utah	120 2,550 50	78 2,350 26	135 2,300 25	113 1,860 42	70 2,200 24	125 2,200 21	37.0 11.0 31.0	34.0 23.5 24.0	37.0 20.0 36.0	4,181 20,460 1,302	2,380 51,700 576	4,62 44,00 75
Wash Wis	325 31 40	200 18 26	320 13 24	315 29 35	185 15 21	310 12 19	36.0 30.0 25.0	33.0 33.0 20.0	38.0 31.0	11,340 870 875	6,105 495	11,78 37: 45
U.S	17,786	15,641	14,254	16,727	14,772	13,906	26.8	28.4	30.0	447,525	420	417,11

Area seeded in preceding fall for winter wheat.
Preliminary.
Small additional quantities of durum wheat are grown in other than the States shown here but are included with

Other spring wheat."

4 Beginning 1978 included in "Winter wheat."

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 9. - Wheat: Price-support operations, United States, 1964-79

														1	Suppo	rt price	Put unde	r support+	Acquired	
	Yo	ur	be	gin	ns	ú	ng	J	ul	yı					Per bushel ²	Percentage of parity ³	Quantity	Percentage of produc- tion	by OCC under support programs	by CCC June 301
964															Dollars 1.78	Percent 71	Million bushels 206	Percent 16.1	Million bushels 87	Million bushels
965															1.72	67	173	13.1	11	60 26 12 10 15 15 129 436
966	***													- 1	1.90	74	133	10.2	12 83	12
967															1.85	71	282	18.7	83	10
968														- 1	1.83	69 70	453	28.7	178	*15
969															1.94	70	408	27.9	97	129
970														- 1	2.00	71	254	18.5	11	436
971														- 1	1.79	61 57	438	27.1	13	435
972									0						1.72	57	143	9.3		
973														- 1	1.46	43	60	3.5		
974															2.05	53	36	2.0	******	
975											0				2.05	45	48	2.2		
976			0.0						2						2.29	47	499	23.3	48	45
977							1		-						2.90/2.47	57/49	7591	729.2	72	64
978								- ^	1	7	1		-		3.40	65	7245	713.6		75
979				•		-	^		•			•			3.40	00	6.50	10.0		

Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.
2 A loan level of \$1.30 in 1964, and \$1.25 from 1965 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on illotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978 and 1979, crop loan rate \$2.35; target price \$3.40.
3 Percentage of parity price as of the beginning of the marketing year.
4 Represents loans made, purchases, and purchase agreements entered into.
5 Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.
6 Uncommitted CCC inventory.
7 Preliminary.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Production, disposition, and value, by States, crop of 1978 (preliminary)

		Used on		Season average	Value	of —
State	Production	where produced	Sold	price per bushel	Production	Sales
	1,000	1,000	1,000		1,000	1,000
	bushels	bushels	bushels	Dollars	dollars	dollars
Ma	1,690	473	1,217	3.00	5,070	3,651
kriz		628	9.036	2.93	28,343	26,500
irk		622	10,478	2.95	32,745	30,910
alif		2,108	43,717	3.25	149,066	142,206
olo	57,268	2,233	55,035	2.75	157,384	151,24
lel		94	914	2.95	2,974	2,696
la		41	391	3.00	1,296	1,173
B		660	3,180	2.95	11,328	9,38
daho		2,616	72,114	3.08	230,127	222,07
II		1,908	33,432	3.05	107,787	101,96
nd		2,447	29,338	3.00	95,355	88,014
owa		189	1,516	2.65	4,518	4,01
ans		11,322	294,678	2.85	872,100	839,83
y		1,331	5,494	3.15	21,499	17,30
		59	553	3.05	1,867	1,68
ld		412	3,584	3.00	11,988	10,75
lich	18,000	1,062	16,938	3.35	60,300	56,74
finn		2,890	90,335	2.85	266,005	257,75
		206	1,809	2.95	5,944	5,33
		3,541	25,019	2.95	84,252	73,80
dont	146,000	5,404	140,646	2.76	402,508	387,61
		4,406 448	77,194	2.70 3.35	220,320	208,42
			1,092		5,154	3,65
	. 1,188 5,662	115 498	1,073 5,164	3.00 2.85	3,564 16,137	3,21
Mex		346	2.279	3.40	8.925	14,71
ic		1,331	4,609	2.85	16.929	13.13
Dak		8.296	277,769	2.75	787.097	764,26
lhio		3.027	40.848	3.20	140,400	130.71
kla		7.873	137,927	3.00	437,400	413.78
reg		1,714	50,211	3.45	179,141	173.22
a.		1.334	6,751	3.30	26,681	22.27
C		605	1.969	3.00	7,722	5.90
Duk		3,498	62,502	2.76	182,260	172.60
enn		1.563	6,137	2.85	21.945	17.49
ex		3.240	50,760	2.95	159,300	149.74
Itah		526	5,073	2.99	16,759	15.18
a		1.318	4,107	3.05	16,546	12.52
Vash		2.546	131,434	3.40	455,532	446.87
V.Va	297	137	160	3.00	891	48
Vis		75	1.485	2.80	4.368	4.15
Vyo		593	7,013	2.75	20,940	19,30
U.S	1,798,712	83,735	1.714.977	294	5,280,467	5.034,10

Economics, Statistics, and Cooperative Service - Crop Reporting Board.

Table 11.—Wheat: Area, yield per hectare, and production in specified countries, $1976-78^{\circ}$

		Area ²		Yiel	d per hect	are	1	roduction	
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
	1,000	1,000 hec-	1,000				1,000	1,000	1,000
North America.	hec-		hec-	Metric	Metric	Metric	metric	metric	metric
North America: Canada	11,252	10,114	tares 10,574	tons 2.10	tons 1.96	2.00	23,587	tons 19,862	21.145
Guatemala	48	60	62	.90	.98	1.05	43	59	65
Honduras	885	1	1	1.00	1.00	1.00	1	1	1
Mexico	28,640	26,896	23,002	3.79	2.88	3.38 2.13	3,350 58,306	2,300 55,412	2,700 48,962
Total	40,826	37,871	34,439	2.09	2.05	2.12	85,287	77,634	72,873
outh America:									
Argentina	6,428	3,910	4,600	1.71	1.36	1.60	11,000	5,300	7,360
Bolivia	78	73	75	.90	.66	1.04	70	48	78
Brazil	3,624 628	2,800 580	2,620 550	.83	.71	1.65	3,000	2,000 893	2,530
Colombia	36	25	32	1.94 1.36	1.54 1.20	1.47	49	30	47
Ecuador	52	22	20	.88	.91	.95	46	20	19
Paraguay	30	30	33	.63	1.50	1.52	19	45	50
Peru	140 500	135	100 250	1.06	.96 .58	.90 1.00	148 504	130	90
Venezuela	2	2	2	.50	.50	.50	1	173	250
Total	11,518	7,874	8,282	1.39	1.10	1.37	16,056	8,640	11,333
Surope:									
Belgium-Luxembourg . Denmark	212 127	194 116	195 121	4.40	4.10	4.56 5.69	932 571	796 605	896
France	4.290	4,125	4,208	4.50 3.76	5.22 4.23	4.91	16,150	17,450	20.66
Germany, Fed. Rep. of .	1,632	1,599	1.617	4.11	4.52	5.02	6,702	7,235	8,12
Ireland	53	48	. 56 3,489	4.00	5.21 2.23	4.64	212	250	260
Italy	3,552	2,786	3,489	2.68	2.23	2.55	9,528	6,218	8,90
United Kingdom	1,231	1,076	121 1,263	5.46 3.85	5.25 4.88	5.70 5.23	710 4,740	661 5,250	6,600
Total EC	11,227	10,070	11,070	3.52	3.82	4.23	39,545	38,465	46,816
Austria	289	285	280	4.27	3.76	3.86	1,234	1,072	1,08
Finland	220	127	118	2.97	2.32	1.27	654	295 1,716	150
Greece	920	907	940	2.56	1.89	2.79	2,351	1,716	2,62
Malta-Gozo	20	21	23	2.00 3.25	2.00 3.67	2.00 3.48	65 65	77	8
Portugal	533	279	379	1.26	.70	.69	671	196	26
Spain	2,772	2.682	2.764	1.60	1.50	1.75	4,436	4.020	4,83
Sweden	395	374	289	4.46 4.38	4.07 3.65	4.66	1,763	1,522	1,34
Switzerland		85	87			4.14	385	310	36
Total Western Europe	16,465	14,831	15,951	3.10	3.21	3.61	51,106	47,675	57,56
Albania	180	170	170	1.50	2.29	2.29	270	390	390
Bulgaria	793 1,278	774 1,281	750 1,200	3.93 3.76	3.89 4.07	4.00	3,116 4,807	3,011 5,214	3,000 5,000
German Dem. Rep.	762	732	770	3.56	3.98	3.77	2.715	2.914	2.90
Hungary	1,325	1,311	1,324	3.88	4.06	4.28	2,715 5,138	5,319 5,310	5,66
Poland	1.832	1,834	1,852	3.14	2.90	3.24	5,745	5,310	6,00
Romania	2,388 1,723	2,269 1,604	2,280 1,711	2.81 3.47	2.85 3.49	2.68 3.14	6,720 5,979	6,465 5,595	6,11 5,37
Total Eastern Europe	10,281	9,975	10,057	3.35	3.43	3.42	34,490	34,218	34,44
Total Europe	26,746	24,806	26,008	3.20	3.30	3.54	85,596	81,893	92.00
Soviet Union (Europe and				-					
Asia)	59,462	62,030	62,800	1.63	1.49	1.83	96,882	92,161	115,00
Africa:	2,150	2,150	0.150	.93	20	.84	2,000	1,500	1,80
Algeria	13	13	2,150 17	.77	.70	.59	10	1,500	1,80
Egypt	586	507	567	3.36	3.35	3.26	1,970	1,697	1.85
Egypt	575	600	600	.80	.83	.83	460	50G	50
Kenya	120	122	123	1.50	1.18	1.59	180	144	19
Morocco	1.921	1.929	120 1.965	1.11	.67	.63	80 2,135	1,288	1,81
Mozambique	6	6	6	.50	.50	.50	3	3	1,01
Nigeria Southern Rhodesia	5	5	5	.50 1.40	1.60	1.60	7	8	
Southern Rhodesia	28	28	35	3.04	3.04	2.57	85	85	9
South Africa	1,866	1,705	1,792	1.20 1.25	1.09	1.12	2,239	1,860	2,00
	200	200	220	1.25	1.85	1.00	250	370	22

Table 11.—Wheat: Area, yield per hectare, and production in specified countries, 1976-781—Continued

		Area ²		Yie	ld per hec	are		Production	
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	1978*
Africa — Continued Tanzania Tunisia Zambia Zaire	1,000 hec- tares 50 1,050 1	1,000 hec- tares 50 1,100	1,000 hec- tares 50 1,100 3 5	Metric tons 1.00 .84 2.00 .67	Metric tons 0.70 .52 6.00 .75	Metric tons 0.86 .60 4.00 1.00	1,000 metric tons 50 880 2 2	1,000 metric tons 35 570 6 3	1,000 metric tons 43 660 12 5
Total	8,694	8,540	8,758	1.19	.96	1.06	10,353	8,159	9,286
Asia: Afghanistan Bangladesh Burma China, Mainland Cyprus India Iran Iran Iran Japan Jordan Korea, North Korea, Rep. of Lebanon Nepal Outer Mongolia Pakistan Saudi Arabia Syria	3,000 146 70 27,900 65 20,454 5,000 1,750 102 89 137 160 37 80 348 380 6,111 100 1,590	2,450 181 83 27,500 65 20,922 5,000 857 107 86 76 160 27 35 280 324 6,354 6,354 8,500	2,500 200 70 27,600 65 21,203 5,100 1,250 915 112 76 160 33 35 280 30 46,227 58 1,550	.98 1.87 .93 1.54 1.100 1.41 1.100 .75 1.99 2.49 .50 .53 2.22 .87 1.04 1.42 1.50 1.13	1.18 1.96 .78 1.47 38 1.39 1.09 .81 2.15 2.16 2.16 2.16 1.43 1.29 1.43 1.29 1.43 1.29 1.29 1.29 1.29 1.29 1.29 1.29 1.29	1.12 2.00 93 1.59 38 1.48 1.04 96 1.79 3.27 88 63 1.03 1.57 1.29 96 1.31 3.02 1.31	2,940 273 65 43,000 5,500 1,312 203 222 68 85 82 40 362 285 8,691 150 1,790	2,900 355 65 40,500 5,000 696 230 236 63 85 85 85 8941 150 1,217	2,800 400 65 44,000 5,300 1,200 170 366 85 360 8,128 178 1,600
Turkey Yemen, Southern	-,,,,,	-,	8,600	1.51	1.59	1.55	13,000	13,500	13,300
(Aden)	14	14	14	1.00	1.00	1.00	14	14	14
Total	76,093	74,629	75,554	1.41	1.39	1.45	106,993	103,722	109,754
Oceania: Australia New Zealand	8,943 94	9,952 94	10,117 100	1.32 3.93	.93 3.74	1.44 3.70	11,825 369	9,299 352	14,545 370
Total	9,037	10,046	10,217	1.35	.96	1.46	12,194	9,651	14,915
World total	232,376	225,796	226,058	1.78	1.69	1.88	413,361	381,860	425,162

¹Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1978 and end early in 1979.

²Harvested area as far as possible.

³Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.-Wheat and wheat flour: United States imports, 1964-77

	W	heat	Flour	Other	Total	Wheat for
Year beginning June	Suitable for milling 1	Unfit for human consumption	(wheat equivalent)2	products (wheat equivalent)3	wheat, flour, and other products	milling in bond and export as flour
984 985 986 987 989 989 990 970 971 972 973	1,000 bushels 800 4 891 (4) 794 397 101 29 1,262 1,734	1,000 bushels 738 552 400 480 484 1,417 265 82 52 70 109	1,000 bushels 90 87 174 27 91 55 90 89 90 178 387	1,000 bushels 232 277 368 438 471 567 723 781 1,131 1,131 1,134	1,000 bumbels 1,860 920 1,833 925 1,046 2,833 1,475 1,053 1,302 2,623 3,364	1,000 bushels
975 976 977	631 1,298 424	344 20 2	92 32 20	1,307 1,381 1,475	2,374 2,731 1,921	

Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 20, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorised by Presidential Proclamation 2550, April 16, 1942 Unring the war years 1943 and 1944 -45 this import restriction was waived. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,315,000 pounds may come from Canada (total quota is 93,300 bushels, wheat equivalent). Flour for special experimental purposes may be immorted ex-quota. Excludes flour "free for export."

3 Includes macaroni, semolina, and similar products.

4 Less than 500 bushels.

Economics, Statistics, and Cooperatives Service - Economics.

Table 13.—Wheat and wheat flour: United States exports under specified Government programs, 1964-77

		F	ublic Law 48	0			
	Title	I sales	Title II d	lonations	Title III		Total
Year ¹	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Govern- ment-to- govern- ment and World Food Program	Voluntary relief agencies ⁶	Barter for strategic materials ⁶	Mutual security (AID)	specified Govern- ment programs
964 965 965 967 967 968 969 970 971 972 973 975 975 976 977	1,000 bushels 445,949 385,492 215,152 225,306 82,558 69,447 46,970 22,686	1,000 bushels 59,843 80,969 39,719 117,729 111,940 154,697 153,382 90,576 26,355 102,269 105,861 (44,350) 133,504	1,000 bushelii 17,420 32,598 24,032 26,654 36,151 33,668 30,477 37,858 35,954 10,891 6,705 2,734 (2,752) 8,887 6,962	1,000 bushels 28,863 25,216 15,779 12,547 9,951 11,430 11,381 13,006 12,603 8,502 7,873 7,046 (1,526) 17,842 13,142	1,000 bushels 3,545 5,078 1,869	1,000 bushels 126 177 2,194 746 1,515 966 754 8,348 (6,481) 15,836 13,779	1,000 bushels 555,746 529,530 298,745 382,984 242,115 269,242 233,061 227,686 139,047 16,847 116,847 116,847 116,847 116,847 116,847 116,847 116,847

¹Year beginning July 1 for 1964-75 and Oct. 1 beginning 1976. ²Authorized by Title I, P.L. 480. ³Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-808. ⁴Authorized by Title I, P.L. 480. °Authorized by Title II, P.L. 480. °Authorized by Title II, P.L. 480. amended by P.L. 89-808. °Authorized by Title II, P.L. 480. amended by P.L. 89-808. effective Jan. 1, 1967. "Authorized by Sec. 303. Title III, P.L. 480 and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963. °Foreign Assistance Act of 1961, as amended. *Negative quantity due to adjustments for prior periods. °Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service - Economics.

Table 14.—Wheat and wheat flour in terms of grain: International trade, 1975-77

			Year begin	ning July		
Country	19	75	19	76	197	71
	Exports	Imports	Exports	Imports	Exporta	Imports
	1.000	1.000	1.000	1.000	1.000	1.000
	metric	metric	metric	metric	metric	metric
rincipal exporters:	tons	tons	tons	tons	tons	tons
nncipal exporters:	12.139	tons	12,900	coms	12.882	1003
Canada						
United States ³	31,522	54	25,731	82	25,752	1
Argentina		******	5,650		5,600	
Australia	7,871	******	8,450	******	8,515	
Uruguay	46		104		104	
Bulgaria				100		10
France		390	6,780	187	6,780	11
		1903	770	2.431	770	2.4
Italy						
Romania		854	1,385	828	1,385	90
Spain	7	47	10	21	29	10
Sweden	771	9	903	11	903	
Soviet Union	500	10,100	1,000	4,500	1,000	4.6
Algeria		1.663		1.289		1.2
Morocco		1.235		973		1.0
Syria		222		235	10	3
Cyria					10	
Tunisia		301		457		4
Turkey	20		300		52	
Total ³		16,788	63,983	11,114	63,782	11,5
rincipal importers:						
Jamaica		138	C 10.0	135		15
Trinidad and Tobago		122		100		10
Cuba		830		830		90
		3,705				
Brazil			******	2,696		2,9
Peru		825		850		7
Austria	88	8	1	13		
Belgium and Luxembourg	1.277	1,312	450	700	547	6
Denmark	158	26	190	3	210	0.7
Finland	24	10	159	6	159	
Germany, Fed. Rep. of	1,677	1.525	1.480	1,379	50	1.7
Crosses, red. nep. or	1,077					A, f
Greece		2	240	2	240	
Ireland	5	215	9	169	22	2
Netherlands		2,127		1,231	568	1,3
Norway		330		288		3
Switzerland	14	240	14	279	14	2
United Kingdom	306	4.269	18	3.424	88	3.4
Yugoslavia		602	13	550	13	5
			10		10	
Egypt		3,800	******	4,100	******	3,8
South Africa			265		200	
India		6,660		3,526		3,7
Indonesia		834		1,000		1.1
Israel		492		462		4
Japan	36	5,923	36	5.521	36	5.5
Korea, Rep. of		1,445	-	1.993	30	1.9
Lebanon		346		363		3
Melania	1				23	
Malaysia		404		400	23	4
Pakistan		1,025		373		3
Philippines		550		775		7
Total ³	3.843	37,765	2.945	31,168	2.170	32.0

Preliminary.
 United States exports exclude exports of flour milled in bond from imported wheat.
 Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and flour: United States exports (domestic) by country of destination, 1976 and 1977

	Yes	ar ²		. Yea	r ²
Country of destination	1976	1977	Country of destination	1976	1977
Vheat: Canada Central America Caribbean Brazil Chile Colombia Ecuador Peru Veneruela	1,000 bushels (3) 16,062 9,034 18,944 14,996 11,204 8,394 15,658 23,653	1,000 bushels (8) 18,119 9,465 98,946 32,063 18,651 8,511 14,617 26,531	Wheat flour, wholly of U.S. wheat: Central America Jamaica Trinidrd and Tobago Other Caribbean Bolivia Brazil Chile Colombia Guyana	1,000 bushels 530 634 2 952 338 80 516 448	1,000 bushels 1,500 452 236 27 414 128 123
Other Americas	17,415	21,100	Other Americas	1,786	750
Total Americas	135,360	248,003	Total Americas	5,292	3,644
Belgium and Luxembourg France Germany, Fed. Rep. of	1,804 668 8,168	787 6,337 7,164	Greece	96 215	68
Italy	8,000 20,247	18,950 31,768	Total Europe	311	219
Norway Portugal Spain Switzerland United Kingdom Other Europe	18,562 2,401 375 2,146 145,293	2,337 15,619 3,501 1,166 5,461 160,330	Sri Lanka Japan Jordan Korea, Rep. of	10,252 4 336	7,883 164
Total Europe	207,664	253,420	Lebanon	119 612 10,376 955	801 8,166
China, Taiwan	16,829 21,000 46,116	23,009 4,101 41,516	Other Asia	22,655	18,727
Israel Japan Kores, Rep. of Lebanon Pakistan	19,136 123,637 72,402 2,479 6,319	15,614 116,650 59,858 2,945 39,060	Ghana	1,357 17,009	1,400 22,847
Philippines	14,604 970	23,274 281	Total Africa	18,374	24,25
Turkey Other Asia	2,358 50,142	115,416	Oceania	112	80
Algeria	16,388 12,042	25,065 31,797	World total	46,744	46,92
South Africa Tunisia Other Africa Other countries	6,556 97,134 22,115	6,547 98,197 64,138	Relief or charity ⁴	7,842	5,71
World total	873,251	1,168,911			
Relief or charity 4	12,379	9,135			

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

<sup>Plour reported in terms of grain equivalent.
Year beginning Oct. 1.
Transhipments through Canada have been included in data for countries of ultimate destination.
Included in world total by country of destination.</sup>

Table 16.—International Wheat Agreement: Recorded exports of wheat and flour (grain equivalent), crop year 1977-781

Member country imports	United States	Canada	European Commu- nity	Australia	Argentina	Sweden	Spain and Greece	Grand total
	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric
	tons	tons	tons	tons	tons	tons	tons	tons
lgeria	721,142	600,648	174,481		20,001	43.287	57,365	1.616.93
ustralia			129					12
ustria			5,963					5,96
arbados	1,325	7,655	7,933	107				17,0
olivia	139,646	317	2,666		41,847			184,4
razil	2,487,927	817,009	14	******	27,500			3,332,4
anada	8,911		88					8,9
osta Rica	87,596							87.5
uba		925,289			35,321			960,6
ominican Republic	158,144	2,940	136		4,000			165,2
gypt	1,902,442	521,123	747,785	1,216,192		7,742		4,395,2
cuador	261,700	42						261.7
Salvador	134,935							134.9
uropean Community:								
Belgium	58,900	21,053			4,230	4,000		88.1
France	175,500	72,231						247,7
Germany, Fed. Rep. of	197,600	97,688						295,2
Italy	757,300	952,500			264,578			1.974.3
Netherlands	1.040,628	289,496			35,474			1.365.5
United Kingdom	185,000	1,547,151			00,414			1,732,1
Unspecified 2		2,041,102					3 5,605	5.6
inland		6,000	224			5,500	-0,000	11.7
reece		1,036	1,859			0,000		2.8
unternala	97,676	1,000	1,000					97.6
ndia	405,285	600	114.926			6,000		526.8
ran	1.099.800	660	294			6,000		1,100,0
aq	532,400	244.617	16.626	496,517				1,290,1
rael	421,533	244,011		430,011				
apan	3,179,900	1.487,792	10,622	1 140 407				432,1
apass		1,481,792	2.833	1,148,495				5,816,1
enya orea, Rep. of	15,285	80 007		5,000				23,1
orea, Rep. of	1,717,400	52,397	16					1,769,8
ebanon	117,188	130,375	26,135	******				273,6
ibya Ialta	38,500	11,000	144,461					193,9
	33,400		1,040	*****	******		******	34,4
fauritius			43,346	23,462				66,8
lorocco	938,553	261,593	6,687	******	31,193	61,883	1,312	1,301,2
igeria	803,948	2,625	146,999		6,050			959,6
orway	98,900	120,845	367			115,800		335,9
akistan	636,880	88,668	53,215	230,240		20,000		1,029,0
anama	58,036							58,0
eru	391,341	53,921	7,500	78,750	262,658			794.1
ortugal	553,200	56,879	3,238				4,600	617,9
audi Arabia	362,982		283,286	118,260				764,5
outh Africa	******	100	236	******		*******	******	- 3
pain	91,858	15,647	474		77,417			185.3
weden			786					7
witzerland	51,200	67,836	5,248					124.2
yria		288,613	165,164					453.7
rinidad and Tobago	40,200	63,936	608					104.7
unisia	300,914	44,361	29,871		29,104			404,2
urkey	150							1
Inited Kingdom								
Territories	105,665	59.857	6,726	16,770				189.0
Inited States			316	20,110				3
oviet Union	3,274,300	1,673,838	1	203,643	1,122,679			6,274.4
enezuela	756,900	2,010,000	26	200,040	-,,			756,9
	100,000		20					100,3

¹ Data in this table are limited to exports and imports of wheat and flour during July 1, 1977 through June 30, 1978 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 23 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA. ²Country of destination within EC not reported to International Wheat Council. ³Includes the only export by Greece of 5,600.

Office of the General Sales Manager. Data from International Wheat Council Report for crop year 1977-78.

Table 17. - Rye: Area, yield, production, disposition, and value, United States, 1964-78

	Ar	ea	Yield per			n farms roduced		Season average	Value
Year	Planted 1	Har- vested	harvested acre	Produc- tion	For seed	Fed to livestock	Sold	price per bushel re- ceived by farmers 2	of produc tion
	1.000	1.000		1.000	1.000	1.000	1.000		1,000
	acres	acres	Bushels	bushels	bushels	bushels	bushels	Dollars	dollar
964	4.552	1.696	19.1	32,476	1.856	3,341	27,279	1.04	34,04
965	4.237	1.473	22.6	33,307	1.562	3,347	28,398	.977	32.9
966	3,980	1.276	21.8	27,791	1.458	3,119	23,214	1.06	29.9
967	3,660	1.063	22.5	23,949	1,293	2.626	20,030	1.07	26,00
968	3,425	996	23.1	22,971	1.391	2.354	19,226	1.02	23.60
969	3,959	1,291	23.4	30,204		594	25,610	1.01	30,6
970	4.196	1,427	25.8	36,840		.696	31,144	.990	36,7
971	4.842	1,751	28.1	49,223		497	42,726	.898	44.8
972	3,458	1,050	26.9	28,256	4	216	24,040	.963	27,79
973	3,380	955	25.8	24,677	4	,216 ,672	20,005	1.91	46,5
974	2.828	784	22.3	17,506	3	.850	13,656	2.51	43.8
975	2.829	729	21.9	15,958		.659	12,299	2.36	37.4
976	2.652	721	20.7	14.951		,660	11,291	2.47	37.1
977	2,652	704	24.6	17.312		.866	13,446	2.05	SC.0
9784	2.985	995	26.3	26,160		.504	21,656	1.98	52.5

¹Includes rye sown in preceding fall.
²Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³Beginning 1969, not estimated separately.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 18.- Rye: Stocks on and off farms, United States, 1964-1978

		On fi	arms			Off fa	rms ²	
Year beginning October	Oct. 1	Jan. 1	Apr. 1	July 11	Oct. 1	Jan. 1	Apr. 1	July ¹
	1,000 bushels	1,000 busheli						
964	17,741	11.340	9,216	2,638	11,495	9,643	8,150	10,21
1965	18,223	13,136	9,938	3,949	17,822	15,677	14,869	15.05
1966	15,536	9,552	7,532	3,580	22,188	18,821	16,756	15.09
967	12,240	8,652	6,756	3,724	20,998	19.010	16,407	14,28
968	13,250	8,770	5.841	1,990	18,314	15,425	14,097	13,96
1969	15,598	10.610	7.321	2,797	21,946	18,729	16,981	18,33
970	20.313	14.437	10,219	2.328	27,829	26,367	24,142	25,54
971	28,306	21,500	17,172	11,541	36,435	33,115	32,158	34,06
972	20,701	15,471	12,641	6,607	40,632	38,058	35,781	26,48
1973	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,21
1974	10,935	6,082	3,861	2,717	8,881	5,509	4,080	2,94
1975	9,002	5,308	2,926	2,033	5,654	3,777	2,830	2,37
1976	7,944	4,739	2,841	1,953	6,120	4,151	3,367	2,46
1977	10,686	6,382	4,159	2,706	4,074	2,910	1,963	1,4
19783	17,120	11,087	8,662		6,877	5,178	3,906	****

Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.
 Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.
 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 19.- Rye: Supply and disappearance, United States, 1964-1978

			Sup	pply				Dia	appeara	nce			
	Year beginning	Basis.					De	omestic (ase			Total	Ending
	June	Begin- ning stocks	Pro- duc- tion	Îm- ports	Total	Food	Seed	Indus- try	Feed 1	Total	Ex- ports	disap- pear- ance	May 31
		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1004		bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels		bushels	
1964 1965	********	6,465		2,111	41,052	4,910	6,019		9,975	24,758	2,192	26,950	14,100
1966	*******	20,469	27,791	1,972	49,761	5,237 5,153	5,682 5,422	4,278	9,935 9,896	25,132 25,182	3,780 4,205	28,912	20,46
1967		20,466	23,949	759	45,082	5,704	5,143		6,968	22,570	2,993	29,387 25,563	
1968	********	19,519	22,971	1,056	43,546	5,563	5,753		9,157	25,170	1.082	26,252	17.29
1969		17,294	30,204	472	47.970	5,392	6.054	4,310	9.529	25,285	806	26,090	
1970		21,880	36,840	1.047	59.767	5,430		3,522	11,407	27,232	3,204		
1971		29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	
1972		46,880	28,256	154	75,290	5,122	5,321	3.036	16,458	29,939	6.535	36,474	
1973		38,816	24,677	1	63,494	6,250	4.967	2,547	8.042	21,806	27,513		14,17
1974		14,175		277	31,958	5,459	4,215	1,386	7,811	18,871	6,465	25,336	
1975		6,622	15,958	944	23,524	4,172	4,217	2,060	7,554	18,003	1.117	19,120	4,40
1976		4,404	14,951	248	19,603	3,696	4,217	1,930	5,304	15,147	38	15,185	4,41
1977		4,418	17,312	127	21,857	3,648	4,806	1,892	7,350	17,696	24	17,720	4,13
1978		4,137	26,160	200	30,497								

¹ Residual item; roughly approximates total use as feed. ² Preliminary.

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Economics.}$

Table 20.- Rye: Area, yield, and production, by States 1976-1978

State	Are	ea plante	ed 1	Are	a harve	sted	Yield	per har	vested	P	roductio	on
State	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782
										1,000	1,000	1,000
	1,000	1.900	1,000	1,000	1,000	1,000	Bush-	Bush	Bush-	bush-	bush-	bush-
0.1.	acres	acres	acres	acres	acres	acres	els	els	els	els	els	els
Colo	35	30	30	7	4	5	23.0	20.0	21.0	161	80	106
Del	32 390	30 425	35 490	95	95		27.0 22.0	25.0	25.0	108	100	2.530
***	65	65	65	15	15	110	21.0	21.0	23.0	2,090 315	1,995	368
	50	55	40	10	10	9	23.0	26.0	25.0	230		225
Lawrence .	24	20	19	5	4	5	28.0	29.0	30.0	140	260 116	150
	50	60	90	8	10	15	17.0	18.0	21.0	136	180	315
	60	56	59	3	4	4	20.0	27.0	27.0	60	108	106
44	65	62	70	8	8	9	30.0	29.0	30.0	240	232	270
Mich	125	115	130	18	19	25	26.0	24.0	24.0	468	456	600
Minn	116	104	115	105	84	98	19.5	29.0	24.0	2.048	2.436	2,351
Mo	62	65	47	5	6	7	21.0	27.0	25.0	105	162	175
Nebr	100	90	95	45	50	53	17.0	21.0	19.0	765	1.050	1.007
N.J	77	76	76	8	9	11	30.0	29.0	23.0	240	261	253
V.Y Y.V	100	105	105	9	9	9	30.0	31.0	31.0	270	279	279
V.C	130	130	135	20	21	20	19.0	19.0	23.0	380	399	460
N.Dak	120	110	220	111	80	205	25.5	26.0	31.0	2,831	2.080	6,350
Ohio	80	80	85	7	8	8	30.0	31.0	30.0	210	248	240
Okla	170	190	190	32	34	30	19.0	19.0	19.0	608	646	570
Oreg	40	35	36	7	5	7	24.0	25.0	25.0	168	125	178
Pa	65	65	65	12	12	16	26.0	31.0	32.0	312	372	512
S.C	120	120	125	30	32	38	17.0	20.0	22.0	510	640	836
S.Dak	165	175	240	99	120	220	15.0	29.0	31.0	1.485	3,480	6,820
Tenn	22	22	24	2	2	2	27.0	23.0	19.0	54	46	3
Tex	175	150	150	27	25	29	14.0	16.0	14.0	378	400	400
Va	150	150	180	11	14	17	24.0	25.0	25.0	264	350	425
Wash	20	23	23	3	3	3	22.0	20.0	21.0	66	60	63
Wis	35	35	40	12	14	17	21.0	26.0	21.0	252	364	357
Wyo	9	9	6	3	3	3	19.0	19.0	22.0	57	57	66
U.S.	2.652	2,652	2.985	721	704	995	20.7	24.6	26.3	14,951	17,312	26,160

¹ Relates to the total area of rye sown for all purposes.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 21.- Rye: Production, disposition, and value, by States, crop of 1978 (preliminary)

n		Used on		Season average	Value	of—
State	Production	where produced	Sold	price per bushel	Production	Sales
	1.000	1.000	1.000		1.000	1.000
	bushels	bushels	bushels	Dollars	dollars	dollars
Calo	105	30	75	1.45	152	109
Del	100	28	72	2.65	265	191
Ga	2,530	1,063	1,467	1.60	4.048	2,347
M	368	55	313	2.30	846	720
Ind	225	74	151	2.60	585	393
lowa	150	54	96	2.60	390	250
Kans	315	85	230	1.85	583	426
Ку	108	33	75	2.60	281	198
Md	270	111	159	2.65	716	421
Mich	600	222	378	2.05	1,230	775
Minn	2,352	188	2,164	2.00	4,704	4,321
Mo	175	35	140	2.55	446	357
Nebr	1,007	211	796	2.05	2,064	1.633
N.J	253	58	195	2.75	696	530
N.Y	279	95	184	2.75	767	500
N.C	460	152	308	2.65	1,219	816
N.Dak	6,355	381	5,974	1.70	10,804	10,15
Ohio	240	91	149	2.05	492	30
Okla	570	171	399	2.65	1,511	1,05
Oreg	175	24	151	2.10	368	31
Pa	512	312	200	2.50	1,280	50
S.C	836	209	627	2.60	2,174	1,63
S.Dnk	6,820	409	6,411	1.90	12,958	12,18
Tenn	38	11	27	2.35	89	6
Tex	406	126	280	3.00	1,218	84
Va	425	153	272	4.00	1,700	1,08
Wash	63	3	60	2.00	126	12
Wis	357	107	250	2.05	732	513
Wyo	66	13	53	1.90	125	10
U.S	26,160	4,504	21,656	1.98	52,569	42,87

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 22.- Rye: Price-support operations, United States, 1964-79

																					Sup	po	rt price	Put unde	r support 3	Acquired	
		Y		RE	- 1		*	pis	ne	ai	n	g	3	u	ly	1					Per bushel		Percentage of parity ²	Quantity	Percentage of produc- tion	by CCC under support program 4	Owned by CCC June 301
964 1965 1966 1967 1968 1969 1970 1971 1972												0 1 0 1 0 1 0 1									Dollars 1.0 1.0 1.0 1.0 1.0 1.0	7222222	Percent 78 73 72 73 72 69 68 57 56	Million bushels 6.8 6.9 2.4 2.7 4.6 6.9 12.1 20.0 6.9	Percent 20.9 20.7 8.6 11.3 19.7 21.8 32.9 40.6 23.6	Million bushels 6.6 5.2 1.6 2.5 3.0 6.2 11.2 11.5	Million bushels 5.9. 7.1 8.1 10.0 16. 5.20.9 531.1
1973																					.8	999	51	A	1.5		
1974			0					0						0 1				0 0			.8	19	46	.2	1.0		
975							0		0					0 1		0					.8	9	39	.1	.6		******
976				0		0	0		0	0		0 1					0		0		1.3	00	48	.1	1.0	******	******
977			0	0		0	a		0			0 1					0				1.7	0	61 56	.9	5.4	******	******
978			0	a	0	0	٠	0	0	a	a	0 1				0		0 1			1.7		56	*2.9	*11.1	******	******
979											0									0	*1.7	0			*******	******	******

¹ Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

² Percentage of the parity price as of the beginning of the marketing year.

³ Includes loans made, purchases, and purchase agreements entered into.

⁴ Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

⁵ Uncommitted CCC inventory.

⁶ Preliminary.

0

Agricultural Stabilization and Conservation Service.

Table 23.—Rye: Area, yield per hectare, and production in specified countries, 1976-781

		Area ²		Yiel	d per hec	tare	F	roduction	1
Continent and country	1976	1977	19781	1976	1977	1978	1976	1977	1978
North America:	1,000 hectares 251	1,000 hectares 250	1,000 hectares 318	Metric tons 1.75	Metric tons 1.63	Metric tons 1.90	1,000 metric tons 440	1,000 metric tons 407	1,000 metric tons
United States	283	281	433	1.35	1.54	1.68	381	432	726
Total	534	531	751	1.54	1.58	1.77	821	539	1,331
South America:	240	240	300	0.0		-	330	170	271
Argentina	340	240 10	10	.97	1.00	1.00	13	10	1
Chile	ii	11	11	1.45	1.00	1.09	16	11	1
Ecuador	***			****	****			× * * *	
Total	365	261	321	.98	.73	.93	359	191	29
Europe:		-		2.94	0.40	241	50	68	5
Belgium-Luxembourg	17 72	20 89	17 81	2.97	3.40	3.41	214	320	33
Denmark	114	129	137	2.49	2.91	4.09 3.04	284	375	41
Germany, Fed. Rep. of	663	702	651	3.17	3.62	3.83	2,100	2,540	2,49
Italy	16	15	16	2.19	2.07	2.13	35	31	3
Netherlands	21 8	21 10	20 9	3.10 2.38	3.52	3.40	65 19	74 35	3
Total EC	911	986	931	3.04	3.49	3.69	2,767	3,443	3,43
Austria	120	119	120	3.42	2.95	3.38	410	351	40
Finland		47	38	2.74	1.70	2.16	178	80	8
Greece		2	3 2	1.50 3.50	1.25	3.50	7	5 8	
Norway	211	209	203	.70	.43	.52	148	90	10
Spain	225	221	225	.95	.99	1.15	214	218	25
Sweden	122	111	82	3.50	3.05	3.74	427	339	30
Switzerland		8	8	4.50	4.00	5.00	36	32	4
Total Western Europe		1,707	1,612	2.51	2.67	2.88	4,193	4,566	4,68
Albania	12	12	12	.83	.83	.83	10	10	1
Bulgaria		13 210	10 200	1.23	1.15	3.00	16 561	641	60
Czechoslovakia		620	600	2.43	2.65	2.83	1,455	1.644	1.70
Hungary	93	91	80	1.68	1.58	1.75	156	144	14
Poland	2,934	2,116	3,030	2.36	2.96	2.31	6,922	6,257	7,00
Romania	40 76	40 68	70	1.23 1.38	1.20	1.13	108	48 87	4
Total Eastern Europe		3,170	4.042	2.35	2.79	2.37	9,274	8,846	9,59
Total Europe		4,877	5,654	2.40	2.75	2.52	13,467	13,412	14,24
Soviet Union (Europe and Asia) .		6,697	7,700	1.55	1.27	1.30	13,991	8,480	10,00
Africa:	89	62	60	.04	.02	.02	4	1	
South Africa		62	60	.04	.02	.02	4	1	
Total	89	62	80	.04	.02	20.	—	1	-
Asia: Turkey	530	520	510	1.40	1.33	1.33	740	690	68
Total	530	520	510	1.40	1.33	1.33	740	690	68
Oceania: Australia	28	22	24	.84	.55	.58	15	12	1
Total	28	22	24	.54	.55	.58	15	12	1
World total	16,203	12.940	15.020	1.81	1.82	1.77	29,397	23,625	26.57
	10,200	100	20,020						

¹Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1978 and end early in 1979.

¹Harvested area as far as possible.

²Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States,

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. re- ceived by farmers	Value of production
	1,000	1,000						1.000
Section 1 to the	acres	acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	dollars
1964	1,796.8	1,785.6	4,098	73,166	692	72,474	4.90	358,634
1965	1,803.8	1.792.7	4,255	76,281	639	75,642	4.93	376,227
1966	1,980.3	1,967.2	4,322	85,020	658	84,362	4.95	421,018
1967	1,982.2	1,970.1	4,537	89,379	576	88,803	4.97	443,996
1968	2,366.6	2,353.4	4,425	104,142	680	103,462	5.00	521,237
1969	2,140.6	2,128.4	4,318	91,904	560	91,344	4.95	455,048
1970	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974	2,550.0	2,531.0	4,440	112,386	1,022	111,364	11.20	1,261,356
1975	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976	2,489.0	2,480.0	4,663	115,648	357	115,291	7.02	811,356
1977	2,261.0	2,249.0	4,412	99,223	849	98,374	9.49	941,248
19782	3,080.0	3,059.0	4,505	137,805	835	136,970	7.72	1,063,858

¹ Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 25. - Rice, rough: Stocks on and off farms, United States, 1964-79

	Year		On farms 1			Off fa	rms ²	
	Test	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 13
1004		1,000 cwt.	1,000 cwt.					
1964		7,679	2,375	112	40,475	22,339	5,075	1,957
1965		7,404	2,451	141	40,591	25,593	4,764	1,54
1966		7,123	2,527	347	38,830	23,456	5,133	1,81
1967		8,252	2,056	226	47,752	28,619	5,971	1,34
1968		9,585	2,491	120	47,249	24,378	3,330	26
1969		14,587	9,512	332	53,100	36,606	12,161	7,28
1970		10,536	4,855	242	53,293	39,107	12,973	7,73
1971		10,121	3,335	203	49,276	32,001	14,689	7,56
1972		10,924	3,531	133	49,776	29,104	8,291	******
1973		4,714	1.476	94	44.130	22,791	2.845	******
1974		7,729	1,536	77	44,435	25,175	3,877	
1975		13,608	2.902	63	55,106	31.426	3.987	
1976		24,713	12,800	657	66,333	50,481	30.688	******
1977		21,006	6,761	709	79.142	61.614	32.642	******
1978	**********	8,269	3,157	586	68.813	49,896	20.542	
1979+		28,089	14.381	000	67,828	53,139		

¹ No stocks Oct. 1, 1964, to date.
²Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.
³Oct. 1 estimates discontinued in 1972.
⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POUTNOTES FOR TABLE 28

¹Consolidated supply and disappearance of rough and milled rice. Converted milled rice data to a rough rice basis using annually derived extraction rates as factors.

²Based on Bureau of Census reports. Estimates for 1968, 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

³Results from storage handling and processing losses.

⁴Less than 50,000 cwt.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service - Economics. Totals may not add due to independent rounding.

Table 26. - Rice, by length of grain: Area, yield, and production, United States, 1972-78

	A	rea harveste	ed	,	'ield per ac	re		Production	
Year	Long	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short
1972 1973 1974 1975 1976 1976 1977	1,000 acres 913.2 1,058.4 1,370.0 1,453.3 1,531.0 1,467.0 1,993.0	1,000 acres 751.7 937.8 949.6 1,141.2 794.0 595.0 832.6	1,000 acres 153.0 174.0 211.4 223.5 155.0 187.0 233.4	Pounds 4,682 4,139 4,375 4,376 4,576 4,240 4,417	Pounds 4,548 4,196 4,368 4,579 4,634 4,415 4,508	Pounds 5,552 5,524 5,234 5,633 5,681 5,746 5,246	1,000 cwt. 42,760 43,807 59,934 63,593 70,051 62,206 88,028	1,000 cwt. 34,184 39,347 41,387 52,255 36,792 26,272 37,534	1,000 cwt. 8,490 9,611 11,061 12,588 8,800 10,744 12,243

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 27. - Rice, rough, by length of grain: Stocks in all positions, United States, 1972-79

**		Long	grain			Mediu	m grain		Short grain				
Year	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 11	Jan. 1	Apr. 1	Aug. 1	Oct. 11	
1972 . 1973 . 1974 . 1975 . 1976 . 1977 . 1978 .	1,000 cwt. 21,247 25,302 36,393 40,705 54,987 42,641 54,785	1,000 cwt. 10,618 13,774 16,532 24,749 32,262 28,929 36,222	1,000 cwt. 4,010 1,112 2,132 1,450 14,258 12,950 9,624	1,000 cwt.	1,000 cwt. 21,495 19,866 22,502 40,575 36,532 26,617 30,878	1,000 cwt. 9,859 8,270 12,822 31,990 29,129 18,634 23,559	1,000 cwt. 3,050 937 939 1,264 13,580 17,523 9,327	1,000 cwt. 141 5 44 644 3,851 5,376 2,224	1,000 cwt. 6,102 6,996 9,819 9,766 8,629 7,824 10,254	1,000 cwt. 3,790 4,667 4,974 6,542 6,542 7,739	1,000 cwt. 1,364 890 883 1,336 3,509 2,878 2,177	1,000 cwt. 17 18 1,80 77 45	

¹ California only.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1964-781

		Sup	oply				Disappe	earance				
Year beginning	Begin-					Domes	tic use			Total	Statis- tical discrep-	Ending stocks
August	ning stocks	Pro- duction	Importa	Total	Food	Indus- try	Seed	Total	Exports (2)	dis- appear- ance	ancies (3)	July 31
	Million					Million					Million	
	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	CWL.	cwt.	cwt.
1964	7.5	73.2	0.5	81.2	24.3	4.3	2.5	31.1	42.5	73.6	-0.1	7.7
1965	7.7	76.3	.7	84.6	23.4	4.7	2.7	30.8	43.3	74.2	2.2	8.2
1966	8.2	85.0	(4)	93.3	24.0	5.3	2.7	31.9	51.6	83.5	1.2	8.5
1967	8.5	89.4	(4)	97.9	25.0	5.4	3.2	33.7	56.9	90.6	.6	6.8
1968	6.8	104.1	(4)	110.9	27.0	5.8	2.9	35.6	56.1	91.7	3.0	16.2
1969	16.2	91.9	.2	106.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4
1970	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6
1971	18.6	85.8 85.4	1.1	105.5 97.4	25.5 25.1	7.4	3.0	35.4	56.9 54.0	92.3	1.8 2.5	11.4
LORG	5.1	92.8	.5	98.1	26.1		3.6	37.8	49.7	87.5	2.7	7.8
1084	7.8	112.4	(4)	120.3	28.6	8.1 8.4	4.0		69.5		27	7.1
1072	7.1	128.4	(4)	135.5	27.7		3.5	41.0	56.5	110.5	1.8	36.9
1000	36.9	115.6		152.6	29.2	9.1	3.2	42.7	65.6	108.3	3.8	40.5
A COMPANIE	40.5	99.2	1	139.8	23.6	9.8	44	37.8	72.8	110.6	1.8	27.4
19785	27.4	137.8	.1	165.2	23.6	9.8	4.4	37.8	12.8	110.6	1.8	21.4

See footnotes on page 19.

Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1976-78

State	A	rea harvesti	ed	Y	ield per ac	re		Production							
State	1976	1977	19781	1976	1977	19781	1976	1977	19781						
					Long grain										
Ark	1,000 acres 696.0	1,000 acres -690.0	1,000 acres 976.0	Pounds 4,675	Pounds 4,125	Pounds 4,425	1,000 cwt. 32,538	1,000 cwt. 28,463	1,000 cwt. 43,188						
Calif La Miss Mo Tex	207.0 143.0 9.0 476.0	174.0 109.0 14.0 480.0	238.0 213.0 28.0 538.0	3,890 4,200 4,100 4,850	3,625 4,000 3,675 4,700	3,850 4,250 4,300 4,725	8,052 6,006 369 23,086	6,306 4,360 515 22,560	9,163 9,082 1,204 25,421						
U.S	1,531.0	62,206	88,028												
	Medium grain														
ArkCalifLaMissMo	1,000 acres 131.0 264.0 361.0 1.0 5.0 32.0	1,000 acres 128.0 140.0 301.0 2.0 3.0 21.0	1,000 acres 161.0 299.0 349.0 2.0 1.6 20.0	Pounds 5,125 5,425 3,920 4,175 4,375 4,200	Pounds 4,700 5,775 3,700 4,000 3,800 4,000	Pounds 4,725 5,250 3,800 4,300 4,750 4,025	1,000 cwt. 6,714 14,322 14,151 42 219 1,344	1,000 cwt. 6,016 8,065 11,137 80 114 840	1,000 cwt. 7,607 15,698 13,262 86 76						
U.S	794.0	595.0	832.6	4,634	4,415	4,508	36,792	26,272	37,534						
					Short grain										
Ark Calif La	1,000 acres 20.0 135.0	1,000 acres 19.0 168.0	1,000 acres 33.0 200.0	Pounds 5,550 5,700	Pounds 4,825 5,850	Pounds 5,075 5,275	1,000 cwt. 1,110 7,695	2,000 cwt. 917 9,828	1,000 cwt. 1,675 10,550						
Mine Mo Tex			.4			4,500			18						
U.S	155.0	187.0	233.4	5,681	5,746	5.246	8,805	10,745	12.243						

Preliminary.

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Crop\ Reporting\ Board.}$

Table 30. - Rice: Area, yield, and production, by States, 1976-78

State	A	rea plant	ted	Ar	ea harve	sted	Yield p	er harves	ted acre	Production			
State	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	1978	
Ark Calif A Mins Mo	1,000 acres 850.0 400.0 570.0 145.0 14.0 510.0	1,000 acres 840.0 310.0 480.0 112.0 17.0 502.0	1,000 acres 1,180.0 500.0 590.0 220.0 30.0 560.0	1,000 acres 847.0 399.0 568.0 144.0 14.0 508.0	1,000 acres 837.0 308.0 475.0 111.0 17.0 501.0	1,000 acres 1,170.0 499.0 587.0 215.0 30.0 558.0	Pounds 4,770 5,520 3,910 4,200 4,200 4,810	Pounds 4,230 5,810 3,670 4,000 3,700 4,670	Pounds 4,480 5,260 3,820 4,250 4,330 4,700	1,000 cwt. 40,362 22,017 22,203 6,048 588 24,430	1,000 cwt. 35,396 17,913 17,445 4,440 629 23,400	1,000 cwt. 52,470 26,244 22,422 9,130 1,290 26,220	
U.S	2,489.0	2,261.0	3,080.0	2,480.0	2,249.0	3,059.0	4,663	4,412	4,505	115,648	99,223	137,8	

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-79

					Wh	ole kerne	is (head r	ice)					
Year		Long	grain			Mediun	n grain		Short grain				
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	
1972 1973 1974 1975 1976 1977 1979	1,000 cwt. 1,142 1,117 1,697 1,893 1,802 3,417 3,349	1,000 cwt. 1,774 1,467 1,185 1,454 2,140 3,945 2,757	1,000 cwt. 580 500 792 421 922 1,618 1,719	1,000 cwt.	1,000 cwt. 2,281 1,512 1,130 1,197 742 1,704 795	1,000 cwt. 1,770 2,574 1,233 2,052 1,453 1,704 1,722	1,000 cwt. 740 278 835 660 1,630 1,667 1,008	1,000 cwt. 47 10 31 130 63 222 359	1,000 cwt. 84 205 224 137 410 376 720	1,000 cwt. 333 319 773 137 162 497 525	1,000 cwt. 303 348 242 293 99 367 958	1,000 cwt. 65 10 74 87 461 186 1,177	
						Broken i	ernels2						

				Dioxen Renies													
Year		Second	heads			Scree	nings		Brewers								
	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1					
1972 1973 1974 1975 1976 1977 1978	1,000 cwt. 528 566 731 897 1,121 692 952	1,000 cwt. 686 545 830 1,190 1,283 1,004 1,285	1,000 cwt. 331 329 587 672 969 1,002 509	1,000 cwt. 15 39 30 34 7 35 92	1,000 cwt. 49 103 141 125 75 81	1,000 cwt. 180 189 112 88 430 102 139	1,000 cwt. 186 104 228 37 111 154 65	1,000 cwt.	1,000 cwt. 215 391 369 317 193 174 211	1,000 cwt. 142 160 136 182 218 214 277	1,000 cwt. 86 47 119 81 161 348 88	1,000 cwt. 20 8 2 27 23 23 27 22 27					

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹ Preliminary. ² Screenings in California are included in second heads.

Table 32. - Rice: Production, seed used, disposition, and value, by States, crop of 1978 (preliminary)

		Used on		Season	Valu	e of-
State	Production	farms where produced	Sold	average price per cwt. ¹	Production	Sales
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Ark	52,470 26,248 22,425	472 157	51,998 26,091 22,380	*******	*******	
Miss	9,138 1,298	45 46 10	9,092 1,288		******	
Tex	26,226	105	26,121	*******	*******	*******
U.S	137,805	835	136,970	7.72	1,063,855	1,057,406

Prices by States not available.

Economics, Statistics, and Cooperatives - Crop Reporting Board.

Table 33-Rice, milled: United States exports under specified Government programs, 1964-77

		P	ublic Law 48	0 ,			
	Title	I sales	Title II d	lonations	Title III		Total
Year ¹	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Govern- ment-to- govern- ment and World Food Program 4	Voluntary relief agencies ³	Barter for strategic materials 6	Mutual security (AID)	specified Govern- ment programs
	1,000	1,000	1,000	1,000	1,000	1,000	1,000
964	cwt. 11,185	cwt. 1.283	cwt.	cwt.	cwt.	cwt.	cwt.
965	7,206	716				2,005	12,50 9,92
166	15,494	2.762				*-16	18.24
167	12.656	3,535				547	16,73
68	6.626	15,053		208		137	22,02
169	9,782	10.925	22	142		61	20.93
70	5,366	14,979				3,356	23,70
71	3,588	14,343	5,462			3.132	26.52
972		21,253	722	4		2,721	24,70
973		13,352				146	13,49
774		16,342	113	11		2	16,46
975		11,228				111	11,33
1		(10,007)					(10,00
976		14,572	198	357		8	15,13
977		10.075	1.039	350			11.46

¹Year beginning July 1 for 1964-75 and Oct. 1 beginning 1976.

²Authorized by Title I, P.L. 480.

³Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.

⁴Authorized by Title II, P.L. 480.

⁵Authorized by Sc. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966.

Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.

⁶Authorized by Sec. 303. Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963.

⁷Foreign Assistance Act of 1961, as amended.

⁸Negative quantity due to adjustments for prior periods.

⁹Transition quarter July 1, 1976 to Sept. 30, 1976.

Economics, Statistics, and Cooperatives Service - Economics.

Table 34.—Rice, rough: Price-support operations, United States, 1964-79

																					Supp	or	t price	Put unde	r support ³	Acquired by CCC	Owned	
		*	1	ei	a.r	1	×	gi	n	ni	in	g	A	i	g	Tin I	st				Per cwt.1		Percentage of parity ²	Quantity	Percentage of production	under support program ⁴	July 31 5	
																				Ī	Dollars		Percent	Million cwt.	Percent	Million cwt.	Million cwt.	
964												۰		0	0						4.71		74	7.7	10.6	0.8	1	
165														0	0						4.50	П	68	10.0	13.1	A		
66								0	0. 1			0		0	0			0			4.50	П	66	14.4	16.8	.1		
67							0		0 1			0	0	0	0			0	0.1		4.55	П	66	16.4	18.3	(*)		
68																			9.1		4.60		66	24.3	22.7	6.3 2.9	1	
69			, ,					0													4.72	П	65	22.4	24.5	2.9		
70																					4.86	П	65	20.8	24.8	3.7	1	
71																					4.86 5.07	Н	65	31.2	36.4	1.3	1	
72																					5.27		65	22.9	26.8	(0)		
73																					6.07	п	65	19.1	20.6			
74																					7.54	П	65	9.3	8.3	(8)		
75							-								-	- '					8.52		65 65	21.5	16.8	17.3	1	
76	ľ								-						-	- '					8.25	1	61	23.4	20.2	(8)		
77									0							0 1					8.25	1	59	19.5	19.7			
78				0 1			0	•						•	۰	0 1					8.57	П	56	730.0	721.7	5.0	******	
79				0 1		,		9	0						9						7 9.05			- 50.0			*****	

¹Loan level from 1964 to 1975. For 1976 and 1977, the target price is a guarantee on alloted production and \$6.19 per cwt. is the loan rate on alloted production. For the 1978 crop, the loan rate is \$6.79 per cwt.

³Percentage of the parity price as of the beginning of the marketing year.

³Includes loans made, purchases, and purchase agreements entered into.

⁴Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

⁵Includes milled rice in rough rice equivalent.

⁶Less than 50,000 cwt.

⁷Preliminary.

Agricultural Stabilization and Conservation Service.

Table 35.—Rice: United States exports (milled equivalent), by country of destination, 1976 and 1977

	Year beginn	ing August 1		Year beginn	ing August 1
Country of destination	1976	1977	Country of destination	1976	1977
Canada Mexico Bahamas Dominican Republic Haiti Jamaica Netherlands Antilles Chile	Metric tons 74,164 947 5,346 14,928 38,436 4,942 4,753 1,694	Metric tons 74,042 759 5,344 11,366 4,219 7,864 4,420 2,526	Indonesia Iran Iraq Korea, Rep. of Bangladesh Saudi Arabia Syria Total Asia and Oceania	Metric tons 408,862 457,244 36,959 75,214 21,093 71,665 35,943	Metric tons 468,807 343,696 89,895 20,068 82,609 169,582 18,022
Total Western Hemisphere ²	150,782	121,702	Guinea	12,507	24,311
Belgium-Luxembourg France Italy Germany, Fed. Rep. of Netherlands	25,473 8,609 36,241 65,853 50,989	19,310 6,074 163,934 62,083 25,602 12,083	Vory Coast Liberia Nigeria Senegal South Africa	16,615 51,441 130,554 22,800 96,024	45,837 41,374 171,661 77,272 71,491
Portugal	69,719 9,527	8,429	Total Africa ²	378,805	545,416
Switzerland	46,883 32,391	29,739	World total 2	2,104,990	2,267,448
Total Europe ²	407,814	387,705			

¹ Marketing year. ² Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, $1976-78^{\circ}$

Continued on Association		Area 2		Yiel	d per hec	tare	1	Production	n
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
100 (1) (100 (100 (100 (100 (100 (100 (1		1					1,000	1,000	1,000
North America:	1,000	1,000	1,000	Metric	Metric	Metric	metric	metric	metric
Costa Rica	hectares 63	hectares 70	hectares 70	tons 2.37	2.13	tons 2.31	tons 149	tons 149	tons 163
Cuba	220	220	220	2.45	2.45	2.45	538	538	53
Cuba	66	112	115	4.16	2.44	2.64	274	273	300
El Salvador	14	13	14	2.53	2.60	3.85	35	34	54
Guatemala	18	15	9 76	2.44	1.72 1.38	3.22 1.17	44 65	26 105	2 8
Honduras	16	14	15	1.59	1.93	2.22	25	27	3
Jamaica	4	1	1	.75	6.25	6.25	3	6	1
Mexico	155	156	144	3.19	3.17	2.60	495	495	371
Nicaragua	27 97	25 105	26 115	2.41	3.05	3.19	65	76	8
Panama Trinidad and Tobago	9	8	10	1.49 2.36	3.00	1.77 2.70	145 21	186 24	200
United States	1,012	911	1,238	5.24	4.94	5.04	5,307	4,499	6,24
Total	1,777	1,726	2,053	4.03	3.73	3.97	7,167	6,438	8,146
South America:									
Argentina	91	95	95	3.52	2.95	3.42	320	280	325
	65	63	54	1.38	1.59	1.57	90	100	84
Brazil	5,400	5,200	5,400	1.48 3.33	1.44	1.56	8,000	7,491	8,400
Chile	36 366	33 325	32 379	4.23	3.17	3.32 4.30	120 1,549	105 1,297	1,63
Ecuador	125	95	85	2.32	2.58	2.15	290	245	1,63
Guyana	97	141	120	1.62	2.31	2.40	158	326	286
Paraguay Peru	25	38	38	2.22	1.97	1.97	55	75	71
Surinam	129	125 50	105	4.49 3.57	3.98	3.81	579	565	400
Uruguay	56	58	60	4.15	3.43	4.00	171 232	199 231	190
Venezuela	93	148	144	2.98	3.98	3.21	277	508	463
Total	6,531	6,371	6,563	1.81	1.79	1.89	11,842	11,411	12,38
Europe:									
France	9 182	10 186	13 192	3.43 4.98	1.60 3.86	3.28 5.10	31 907	16 719	97
Total EC	191	196	205	4.91	3.75	4.98	938	735	1,02
Greece	19	19	19	4.43	4.93	5.00	84	94	96
Portugal	22	34	33	4.06	3.30	3.30	89	112	100
Spain	64	67	69	6.34	5.67	6.03	406	380	410
Total Western Europe	296	316	326	5.13	4.18	5.03	1,517	1,321	1,64
Bulgaria	16	18	18	4.36	3.87	3.89	70	70	71
Hungary	27	27	27	1.19	1.89	1.89	32	51	5
Romania	17	28	28	3.35	1.75	1.75	57	49	4
Yugoslavia	8	8	8	4.75	4.75	5.25	38	38	4
Total Eastern Europe	68	81	81	2.89	2.56	2.62	197	208	21:
Total Europe	364	397	407	4.71	3.85	4.55	1,714	1,528	1,85
Soviet Union (Europe and Asia) .	524	546	600	3.82	4.06	5.00	2,000	2,217	3,00
Africa:							-		
Angela	20	20	20	2.86 1.23	2.00	2.00 1.25	6	2	
Angola	52	50	50	.58	1.23	.80	25 30	25 40	2
Egypt	453	484	437	5.08	5.20 1.22	5.20	2,300	2,519	2,27
Gambia	32	45	45	1.88	1.22	1.33	60	55	6
Ghana	81	80 710	80 710	.80 .56	.67	1.73	64	54	13
Guinea	710	38	38	.85	.56	.56	400 32	400 35	40
Ivory Coast	450	425	380	.95	.94	1.14	427	400	43
Liberia	220	205	210	1.04	1.27	1.31	229	260	27
Madagascar	1,050	1,050	1,050	1.67	1.60	1.64	1,750	1,680	1.72
Morocco	140	150	175	.93 5.45	1.17	1.00 3.70	130 27	175	17
Mozambique	65	65	65	1.05	1.07	1.08	68	24 70	3 7
Nigeria	310	325	340	1.96	2.03	2.04	609	660	69
Senegal	120	62	90	1.44	1.00	1.33	173	62	12

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield per hectare, and production in specified countries, 1976-781—Continued

		Area ²		Yiel	d per hec	tare	1	roduction	3
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
Africa — Continued Tanzania Upper Volta Zaire	213 42	1,000 hectares 285 42 321	1,000 hectares 285 42 333	Metric tons 1.88 .95 .80	Metric tons 1.54 .95 .68	Metric ions 1.54 .95 .68	1,000 metric tons 400 40 291	1,000 metric tons 440 40 218	1,000 metric tons 440 40 226
Total	4,715	4,754	4,760	1.61	.63	1.64	7,590	7,759	7,788
Asia: Afghanistan Bangladesh Burma Kampuchea China: Mainland Taiwan Hong Kong India Indonesia Iran Iran Japan Aspan Aspan Aspan Aspan Malaysia (Peninsular) Nepal Pakistan Philippines Sabah Sarawak Saudi Arabia Syria Thailand Turkey Vietnam Total Oceania:	10,074 4,984 1,490 35,900 766 5,38,606 8,369 320 320 1,215 8,806 8,78 1,261 1,700 3,548 8,500 145 5,310 127,770	210 10,085 5,039 1,400 36,000 7,2 40,001 8,200 325 666 2,757 7,760 1,230 680 5,755 1,264 1,815 3,509 1,264 1,815 1,54 1,54 1,54 1,54 1,54 1,54 1,54 1,	210 10,000 5,050 1,400 36,500 770 40,000 8,800 315 66 2,458 760 1,290 486 1,265 1,779 3,620 56 118 118 1 1 740 1 1 8,600 3 1,500 1,250 1,2	2.16 1.76 1.87 1.29 3.50 4.53 2.06 1.66 2.78 3.94 5.30 5.00 5.00 5.00 5.00 5.00 5.00 5.00	2.19 1.91 1.71 1.14 3.51 4.62 2.00 1.98 3.23 3.02 5.94 5.13 6.78 1.240 1.96 2.26 1.32 3.00 2.31 2.00 1.44 4.38 2.12	2.19 2.03 1.98 1.06 3.56 4.45 2.00 1.97 2.96 4.09 3.02 6.40 5.13 6.21 1.93 2.87 1.98 2.23 1.33 3.00 2.39 2.00 1.97 2.00 1.98 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	457 17,715 9,312 1,800 3,560 3,560 10 64,245 23,301 1,276 3,700 7,243 3,700 1,611 2,384 3,950 6,456 1,253 1,253 2 15,760 2,43 11,500 317,377	460 19,312 8,601 1,600 3,592 4 79,093 22,794 1,051 1,051 1,052 1,0	460 20,297 10,000 1,488 130,000 3,422 78,825 26,025 26,025 3,900 7,636 700 1,307 2,500 4,277 6,888 122 15,762 1,766 11,760 11,76
Australia	. 92	91	92	5.76	5.35	6.20	530	487	571
Total	. 92	91	92	5.76	5.35	6.20	530	487	571
World total	141,773	143,461	144,727	2.46	2.55	2.60	348,220	366,071	376,996

¹Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

²Harvested area as far as possible.

³Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 37.—Rice, milled equivalent: International trade, 1975-772

	19	75	19	76	197	73
Continent and country	Exports	Imports	Exports	Imports	Exports	Imports
	1,000	1,000	1,000	1.000	1,000	1.000
North America:	metric tons	metric tons	metric tons	metric tons	metric tons	metric tons
Canada	*****	60	*****	66	*****	7:
El Salvador	*****	8				******
Mexico	5	11	5	11	3	1
Nicaragua	2	i	6	11	7	
Panama					2	
United States	2.070	1	2,045			
Cuba	*****	216		200	10	20
Jamaica		49		46		1
Trinidad and Tobago	*****	29		31		
Total	2,077	376	2,056	354	22	36
outh America:						
Argentina	36		86		170	
Brazil	3	57	76		388	*****
Guyana	83		72		72	*****
Chile	166	12	150	26	100	
Ecuador	100	90	14		150	1
Peru	10	20 78	14	71	19	
Surinam	59	10	57	**	50	
Uruguay	91		115	*****		
Venezuela	32	*****		95	*****	
Total	480	167	570	192	844	1
Europe:						
Austria		31		44		1
Belgium and Luxembourg	25	58	43	130	33	1
Denmark	1	9	1	14	1	
France Germany, Fed. Rep. of	3	147	4	187	4	2
Germany, Fed. Rep. of	28	130	44	158	44	1
	9 451	7	11 396	1 49	238	*****
Italy	52	112	127	242	138	1
Norway	02	112	121	5	100	
Portugal		76	1	120	1	1
Spain	42		9		35	
Sweden	******	17		21		
Switzerland	*****	16		22		
United Kingdom	1	116	4	145	61	2
Total Western Europe	612	725	639	1,138	562	1,0
Hungary	4	14	6	13		
Poland		59		119		
Romania		62		92		
Yugoslavia	*****	5		10		
Soviet Union	*****	279		324	130	4
Total Eastern Europe	4	419	6	528	130	6
Africa:						
Algeria	******	4		6	1	1
Angola	3	6	2	18		
Zaire	*****	10		69		1
		13		39		
Gambia					1	
Ghana	*****	*****		140		1
Ghana	******	57		30		1 .
Ghana		57 10 31	30	30 5 37	30	1

See footnotes at end of table

Table 37.-Rice, milled equivalent: International trade, 1975-772-Continued

	19	775	19	76	19	773
Continent and country	Exports	Imports	Exports	Imports	Exporta	Imports
Africa — Continued	1,000 metric tons					
Mauritius		67		91		10
Mozambique				23		2
Nigeria		102		45 196	******	30
Senegal and Mauritania		102	******	10	******	-
South Africa	*******	70	******	88	******	11
Egypt	104	1	211	- 00	208	**
Tanzania		65		25		6
Total	114	506	247	766	243	1,30
	114	500	241	700	240	1,00
Asia:		440		280	100000	38
Bangladesh	*******	220		260		25
Israel	*******	45		35		3
Jordan	******	11		33		2
Lebanon	******	21		20		
Turkey (Europe and Asia)		77		20		
Iraq		200		200		25
Syria		72		79	1	7
Iran		400		283		45
Sabah		41		39		4
Sarawak		37		64		7
Burma	288		638	*******	660	
Sri Lanka	*******	450		425		54
China: Mainland	1,440	30	900	140	996	******
Taiwan	*******	4		8		
Hong Kong	19	344	35	337	23	3
India	19	180 350	30	237	23	
Kampuchea		21		120	******	15
Vietnam		21		136	5	1
Indonesia	*******	657	******	1,284		19
Japan	10	36		20		1
Korea, Rep. of	10	439		166		
Malaysia and Singapore	44	199	21	319	21	3
Pakistan	498		912		883	
Philippines		135		55		1
Thailand	933	******	1,870	*******	2,915	
Total	3,236	4,409	4,378	4,560	5,507	5,28
Oceania:						
Australia	185	******	218	1	256	
Total	185	******	218	1	256	
Other countries	454	471	309	469	2,538	51
World total	7,162	7.073	8.423	8,008	10,102	9.25

Includes milled, semi-milled, broken, and rough rice in terms of milled.
 Calendar year
 Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers.

Table 38.—Food grains and wheat flour: Average price, selected markets and grades, 1964-77

		Kansas	City			Minn	eapolis			
Crop year 1	Whea No. 2 Hard Dark h Winte	& Wint & Whe ard 959	er North	eat, o. 1 ark thern ring	Wheat, No. 2 Hard Amber Durum	Sta Sta	our, oring heat, ndard tents	Rye, No. 2	Portland: Wheat, No. 1 soft white	St. Louis: Wheat, No. 2 Red Winter
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	61 57 58 68 58 59 88 60 88 60 88 88 88 88 88 88 88 88 88 88 88 88 88		rs per shel 1.79 1.86 1.83 1.76 1.83 1.96 2.21 4.69 5.01 4.64 3.12 2.95	Dollars per bushel 1.89 1.75 2.09 2.05 1.93 1.68 1.78 1.69 2.17 6.60 6.47 5.06 3.19 3.37		ars per wt. 5.68 6.00 6.46 5.97 5.87 5.83 6.03 6.28 5.99 7.11 10.87 11.93 10.55 9.51 8.15	Dollars per bushel 1.19 1.16 1.22 1.17 1.16 1.11 1.13 .99 1.10 2.41 3.19 2.86 2.92 2.51	Dollars per bushel 1.51 1.53 1.76 1.62 1.47 1.49 1.70 1.60 2.47 4.79 4.36 3.89 3.10 3.02	Dollars per bushel 1.51 1.64 1.77 1.47 1.32 1.51 2.24 4.57 3.91 3.46 2.77 2.61
Crop years	Chicago: Wheat, No. 2	New York: Wheat, No.	San Francisco: Rice 2		Louisiana N Rice ²	lilla:		nsas Mills: Rice ²		s Mills: ice ²
	Soft Red Winter	Hard Winter	Short	Med	ium Lor	e s	Mediun	n Long	Medium	Long
1964 1965 1966 1967 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976 1977	Dollars per bushel 1.46 1.50 1.82 1.47 1.25 1.26 1.60 1.47 2.23 4.54 4.59 3.54 2.81 2.61	Dollars per bushel 2.08 2.14 2.33 2.08 1.92 2.00 2.20 2.21 2.70 5.19 4.54 4.08 3.22 3.28	Dollars pe cwt. 9.80 10.00 10.05 10.25 10.55 10.60 11.09 12.42 24.20 25.40 20.65 15.15 20.35	2 2 2 1 1	vt. cw 8.30 9 8.20 10 8.20 8 8.44 9 8.73 9 8.50 9 8.54 9 8.51 9 8.87 14 6.40 30 0.05 21 3.30 14	5 per 1.90 1.90 1.95 1.90 1.95 1.90 1.83 1.95 1.40 1.55 1.55 1.50	Dollars j cwt. 8.2 8.1 8.6 8.5 8.6 8.9 9.2 13.4 26.7 21.1 17.1 14.4	Cwr. 10.00 0 9.99 0 9.96 5 10.00 5 9.96 0 10.00 5 10.10 5 10.25 5 14.32 0 30.86 0 18.10 0 18.10	8.15 8.36 8.65 8.65 8.60 8.90 9.10 13.55 27.40 19.90 17.35 14.10	e Dollars per cwt. 10.15 10.06 10.00 9.90 10.10 10.22 14.45 31.75 22.00 18.35 14.96 21.77

¹Crop year begins July for wheat and rye, August for rice, and October for rice from San Francisco.
²Rice, milled No. 2.

Economics, Statistics, and Cooperatives Service—Economics, Compiled as follows: Grain Market News (AMS); Minneapolis Daily Market Record; Kansas City Grain Market Review; Chicago Board of Trade; New York Journal of Commerce; Bureau of Labor Statistics Wholesale Price Bulletin; Rice (AMS). Minneapolis, Kansas City, and Chicago prices are weighted averages.

Table 39.-Corn: Area, yield, production, disposition, and value, United States, 1964-78

	Forage area harvested	1,000 acres 1,1399 1,170 1,100
	Production	7,000 forms 83,551 83,551 84,447 84,447 84,447 84,668 94,084 106,302 116,706 111,706 111,708
Corn for silage	Yield per harvested acre	Tons 9.7 11.3 11.3 11.9 11.9 12.7 10.7 10.4
	Area	1,000 8,820 8,820 8,004 7,394 7,879 7,879 8,814 8,351 9,023 11,374 9,023 11,374
	Value of production	1,000 dollars 4,064,208 4,764,199 6,170,973 5,644,228 4,825,623 6,101,085 8,743,036 8,743,036 14,783,284 14,783,284 14,789,289 14,789,289
	Season average price per busheli	Dollars 1.17 1.16 1.108 1.108 1.108 1.108 1.57 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2
	Sold	1,000 bushesi 2,103,444 2,103,444 2,103,53 2,267,715 2,265,447 2,265,447 2,265,447 2,265,447 2,265,447 2,265,447 2,265,447 2,265,447 2,265,748 3,119,189 3,711,899 3,711,899 3,911,430
Corn for grain	Used on farms where produced	J,000 bushesis 2,082,345 2,082,345 2,282,657 2,122,392,607 1,888,552 2,246,467 2,217,479
	Production	J.000 bushels 4.102.867 4.167.668 4.167.668 4.167.668 4.167.668 5.646.280 5.646.280 5.679.885 6.285.639 6.285.639
	Yield per harvested acre	Bushes 62.9 74.1 73.1 86.5 86.1 97.0 97.0 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3
	Area	1,000 85,308 85,308 85,308 85,308 87,308 64,123 87,318 64,123 87,518 67,518 67,518 77,518
	Area planted, all purposes	1,000 65,823 65,823 65,823 66,171 66,134 71,156 71,156 71,126 71,126 77,
	Year	1984 1986 1986 1986 1987 1987 1987 1987 1987 1987 1987

Economics, Statistics, and Cooperatives Service - Crop Reporting Board. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

2 Peliminary.

Table 40. - Corn: Stocks on and off farms, United States, 1964-79

Year		On F	arms		Off Farms ²					
1 car	Jan. 1	Apr. 1	July 11	Oct. 12	Jan. 1	Apr. 1	July 11	Oct. 12		
1964	1,000 bushels 3,209,565 2,737,489 3,096,601 3,926,601 3,453,956 3,310,694 3,555,260 3,992,724 3,371,270 2,560,883 3,196,266 3,196,266 3,196,266 3,196,266 3,196,266 3,196,266	1,000 bushels 2,269,686 1,866,476 2,129,392 2,063,306 2,433,095 2,244,312 2,263,432 1,675,370 2,485,085 2,387,458 2,020,081 1,522,900 1,919,964 2,133,737 2,516,998 3,098,247	2,000 bushels 1,513,667 1,243,125 1,327,409 1,348,923 1,670,424 1,498,284 1,425,733 1,178,821 1,590,106 1,077,086 811,014 1,290,127 1,577,503 1,848,608	1,000 busheis 681,101 581,498 531,187 572,233 788,195 732,270 575,630 426,712 751,949 403,918 288,737 193,194 232,597 446,116 659,285	1,000 bushels 1,135,189 1,137,392 956,475 778,619 866,061 957,921 993,137 1,013,479 1,149,084 1,141,455 1,116,424 1,080,024 1,270,300 1,544,023 1,678,678	1,000 bushels 1,008,777 938,740,542 671,090 809,946 818,165 767,220 898,109 954,964 849,794 704,911 912,996 1,159,329	1,000 bushels 862,813 650,284 405,683 530,578 582,597 519,586 584,022 564,315 380,541 345,686 576,680 787,263 988,779	1,000 bushes 855,42 565,59 310,53 254,07 380,49 386,12 429,59 240,02 374,98 303,96 195,12 168,19 168,44 438,01		

Beginning 1976, estimates are for June 1.
20id crop only.
3btocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.
4 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 41.—Corn: Supply and disappearance, United States, 1964-78

		Suj	ply			Dia	appeara	nce		Ending stocks Sept. 30		
Year					D	omestic o	1940					
beginning October	Begin- ning stocks	Pro- duc- tion	Îm- porta	Total	Feed	Food, alcohol, and seed	Total	Ex- ports	Total disap- pear- ance	Privately held ¹	Govern- ment ³	Total
1964 1965 1966 1966 1968 1969 1970 1972 1973 1972 1973 1974 1976 1976	Million bushels 1,537 1,147 842 826 1,169 1,118 1,005 667 1,127 708 484 484 399 884	Million bushels 3,484 4,103 4,168 4,860 4,687 4,152 5,646 5,590 5,671 4,701 5,829 6,266 6,425 7,082		Million bushels 5,022 5,251 5,011 5,687 5,620 5,806 6,314 6,708 6,380 5,187 6,192 6,668 7,312 8,187		Million bushels 349 360 364 365 385 385 390 429 448 451 490 513 561	Million bushels 3,305 3,722 3,698 3,866 4,189 3,977 4,391 4,742 4,653 3,677 4,082 4,100 4,260				Million bushels 522 93 136 179 290 197 156 4 0 0 0 0 10	Million bushels 1,147 842 826 1,169 1,110 667 1,127 706 484 361 399 8844 1,104

¹ Includes total Government loans (original and reseal).
² Uncommitted Government inventory only.
³ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 42. - Corn: Area, yield, and production, by States, 1976-78

	Area	planted	for all					Corn for	r grain			
State		purposes		An	a harve	sted	Yield pe	r harves	ited acre		Production	
	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1.000	1.000	1.000	1,000	1,000	1,000	Bush-	Bush-	Bush-	1.000	1.000	1,000
	acres	acres	acres	acres	acres	acres	ols	ols	eds	bushels	bushels	bushels
Ala	880	840	640	800	375	544	60.0	29.0	50.0	48,000	10,875	27,20
Ariz	42	65	70	28	50	50	60.0	100.0	115.0	1,680	5,000	5,75
Ark	55	55	40	45	43	30	56.0	53.0	58.0	2,520	2,279	1,74
Calif	480	430	420	290	247	281	110.0	116.0	126.0	31,900	28,652	35,40
Colo	900	960	1,000	630	695	720	102.0	116.0	110.0	64,260	80,620	79,20
Del	209	203	53 187	195	185	175	88.0	56.0	96.0	17 100	10,000	14.00
Fla	542	623	430	480	299	370	60.0	35.0	52.0	17,160 28,800	10,360	16,80 19,24
Ga	2,300	2,240	1,700	2,160	1,000	1,500	62.0	24.0	50.0	133,920	24,000	75,00
ldaho	119	120	123	35	28	39	85.0	86.0	87.0	2,975	2,408	3,39
111	11,900	11,350	11.000	11,590	11,080	10,730	107.0	105.0		1.240,130	1,163,400	1,191,03
nd	6,500	6,400	6,100	6.300	6,210	5,900	110.0	102.0	108.0	693,000	633,420	637,20
lowa	13,950	13,800	13,300	12,900	12,700	12,500	91.0	86.0		1,173,900	1,092,200	1,462,50
Kans	2,150	2,030	1,820	1,790	1,680	1,500	96.0	96.0	102.0	171,840	161,280	153,00
Ку	1,540	1,650	1,570	1,360	1,470	1,410	102.0	90.0	85.0	138,720	132,300	119,85
A	90	86	65	71	65	47	66.0	52.0	59.0	4,686	3,380	2,77
Maine	49	51	50								******	
Md	740	730	690	630	600	590	92.0	72.0	97.0	57,960	43,200	57,23
Mass	2.670	2.800	2.670	0.050	2,320	0.050	*****	98.0	81.0	170 000	100 000	100.00
Mich	7,200	6,900	7,000	2,230 5,600	6,000	2,250 6,190	69.0 59.0	85.0	81.0	153,870	197,200	182,25 643,76
Minn Miss	240	250	215	172	160	135	47.0	100.0 36.0	104.0	330,400 8,084	5,760	7,56
Mo	3,200	2,900	2,400	2,850	2,650	2,200	61.0	76.0	87.0	173,850	201,400	191,40
Mont	86	90	88	11	11	5	75.0	68.0	72.0	825	748	36
Nebr	6,850	7,150	7,100	6,100	6.550	6,550	85.0	99.0	113.0	518,500	648,450	740,15
Nev.2	3	3								020,000	040,400	140,10
N.H	24	26	27									
N.J	149	149	135	103	95	95	86.0	70.0	91.0	8,858	6,650	8.64
N. Mex	125	135	90	96	114	72	105.0	90.0	105.0	10,000	10,260	7,56
N.Y	1,260	1,375	1,300	573	640	600	76.0	80.0	79.0	43,548	51,200	47,40
N.C	2,050	2,000	1,760	1,880	1,740	1,600	80.0	51.0	76.0	150,400	88,740	121,60
N. Dak	510	620	600	191	237	253	40.0	73.0	79.0	7,640	17,301	19,98
Ohio	4,100	3,900	3,850	3,820	3,620	3,610	103.0	105.0	195.0	393,460	380,100	379,05
Okla	145	140	120	106	95	73	95.0	82.0	65.0	10,070	7,790	4,74
Oreg	45	45	45	10	12	13	90.0	95.0	95.0	900	1,140	1,23
Pa	1,600	1,615	1,615	1,150	1,160	1,190	90.0	92.0	95.0	103,500	106,720	113,05
0.0	750	825	640	667	690	550	74.0	900	****	40 050	04.040	90.08
S. Duk	3,200	3,000	3,250	1,200	2,150	2,560	31.0	36.0 59.0	55.0 67.0	49,358 37,200	24,840	30,25
Tenn	890	900	820	715	730	660	79.0	65.0	66.0		126,850	171,52
Tex	1.700	1.800	1.600	1,550	1,650	1,440	120.0	98.0	100.0	56,485 186,000	47,450 161,700	43,56 144,00
Utah	100	80	92	1,550	13	1,440	90.0	89.0	90.0	1,350	1,157	1,44
Vt	101	110	112	10	10	10	30.0	30.0	30.0	1,000	1,101	1,00
Va	840	855	825	610	560	615	78.0	55.0	82.0	47,580	30,800	50,43
Wash	107	128	130	44	64	65	107.0	119.0	121.0	4,708	7,616	7,86
W. Va	104	100	93	61	54	58	88.0	74.0	77.0	5,368	3,996	4.46
Wis	3,700	3,850	3,750	2,220	2,800	2,750	68.0	104.0	98.0	150,960	291,200	269,50
Wyo	81	89	87	22	30	34	87.0	85.0	81.0	1,914	2,550	2,75
								-	-			-
U.S	84,374	83,568	79,719	71,300	70,872	69,970	87.9	90.7	101.2	6.266,359	6.425,457	7,081,84

¹ Preliminary. ² Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 43.—Corn: Utilization for silage and forage, by States, 1976-78

				Forage area								
State	Are	a harves	ited	Yie	ld per a	cre	F	roduction	n		arveste	
	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	1978
	1,000	1,000	1,000				1,000	1,000	1,000	1,000	1,000	1.000
	acres	acres	acres	Tons	Tons	Tons	tons	tons	tons	acres	acres	acres
Ala	57	57	51	11.5	7.0	10.0	656	399	510	16	25	1
Ariz	10	10	18	21.0	21.0	20.0	210	210	360	3	3	
Ark	6	8	2	13.0	10.0	10.0	78	80	20	2	2	
Calif	187	181	137	19.0	19.5	19.5	3,553	3,530	2,672	3	2	
olo	240	242	238	19.0	18.0	19.0	4,560	4,356	4,522	10	8	
onn	51	52	51	16.0	17.5	18.0	816	910	918			
el	12	14	10	11.5	11.0	12.5	138	154	125	1	1	
la	18	22	18	12.0	10.5	13.0	216	231	234	35	56	
a	100	90	100	13.0	8.0	12.0	1,300	720	1,200	15	50	
iaho	81	89	81	19.0	18.0	18.5	1,539	1,602	1,499	2	2	
1	285	225	235	13.5	14.5	15.5	3,848	3,263	3,643	15	25	
nd	174	160	176	17.5	15.0	15.0	3,045	2,400	2,640	13	13	
owa	970	875	700	12.5	12.5	16.0	12,125	10,938	11,200	30	40	
ans	300	290	273	12.5	13.5	12.0	3,750	3,915	3,276	15	15	
у	165	155	140	16.5	15.5	15.5	2,723	2,403	2,170	10	15	
A	16	10	13	13.0	12.0	13.0	208	120	169	2	2	
faine	44	42	43	13.5	11.0	13.0	594	462	559			
fd	105	121	94	15.0	13.0	15.0	1,575	1,573	1,410	3	5	
fass	38	38	40	15.5	16.0	16.5	589	608	660			
dich	420	420	395	11.5	12.5	12.5	4,830	5.250	4,938	10	10	
tinn	1,490	830	750	6.9	13.0	12.5	10,281	10,790	9.375	45	30	
line	60	60	70	12.5	11.0	12.5	750	660	875	4	5	
lo	220	153	132	9.5	11.0	12.0	2.090	1.683	1,584	60	32	
font	68	70	76	16.0	17.0	21.0	1.088	1,190	1.596	5	5	
ebr	650	470	450	9.0	13.0	15.0	5,850	6,110	6,750	30	30	
lev. 2	3	3		16.5	15.0		50	45				100
.H	23	24	23	18.0	17.0	14.0	414	408	322			1
LJ	42	48	37	16.0	14.0	15.5	672	672	574	3	3	
.Mex	24	16	14	13.5	14.0	15.0	324	224	210	3	2	1
.Y	655	654	682	12.0	13.0	13.0	7,860	8,502	8,866	7	11	
.C	140	150	130	12.5	10.0	13.5	1,750	1,500	1,755	10	25	1
.Dak	293	332	321	5.0	5.1	6.7	1.465	1,693	2,151	17	31	
hio	250	242	212	14.0	14.0	14.0	3,500	3,388	2.968	10	8	
kla	25	34	27	11.0	11.5	12.5	275	391	338	4	5	1
reg	33	31	30	21.0	15.0	20.0	693	620	600	i	1	
a	424	440	410	14.5	20.0	15.5	6.148	6,600	6,355	6	5	1
I	4	4	4	15.5	15.5	16.5	62	62	66			1
C	56	53	63	13.0	9.5	15.0	728	504	693	12	20	1
Dak	1.400	750	630	2.7	7.2	11.0	3,780	5,400	5,166	310	55	1
enn	160	150	150	15.0	13.0	8.2	2,400	1.950	2.025	5	5	
ex	100	120	125	16.0	16.5	13.5	1,600	1,980	1,875	20	20	
tah	80	62	71	16.0	17.0	16.0	1,280	1.054	1,136	3	3	1
1	93	99	105	15.5	12.5	14.0	1.442	1,238	1,470	~		
/a	217	209	200	13.0	9.5	15.0	2.821	2.556	3,000	9	9	1
Vash	63	64	65	20.5	20.0	22.0	1,292	1,280	1,430			1
V.Va	38	43	30	15.0	13.5	13.5	570	581	405	3	2	1
Vis	1,330	980	920	8.6	12.0	12.0	11.438	11,760	11.040	100	20	1
Vyo	54	55	45	15.5	13.5	15.5	837	743	698	4	3	1
			-00	0.01-07		1	-					1

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹ Preliminary. ² Estimates discontinued after 1977 crop.

Table 44.—Corn: Production, disposition, and value, by States, crop of 1978 (preliminary)

	Production	Used on		Season	Value	of—
State	for grain	farms where produced	Sold	average price per bushel	Production	Sales
	1,000	1,000	1,000	10000	1.000	1.000
	bushels	bushels	bushels	Dollars	dollars	dollars
Via	27,200	16,320	10,880	2.30	62,580	25.024
riz	5,750	287	5,463	2.50	14,375	13,658
rk	1,740	1,148	592	2.35	4,089	1,391
alif	35,406	2,478	32,923	2.75	97,367	90,553
olo	79,200	13,464	65,736	2.10	166,320	138,046
el	16,800	3,360	13,440	2.25	37,800	30,240
la	19,240	7,888	11,352	2.10	40,404	23,836
is	75,000	35,250	39,750	2.45	183,750	97,388
daho	3,393	848	2,545	2.35	7,974	5,961
11	1,191,030	333,488	857,542	2.15	2,560,715	1,843,715
nd	637,200	197,532	439,668	2.15	1,369,980	945,286
owa	1,462,500	628,875	833,625	2.00	2,925,000	1,667,250
Cans	153,000	41,310	111,690	2.25	344,250	251,300
y	119,850	50,337	69,513	2.35	281,648	163,356
8d	2,773 57,230	1,969	804	2.40	6,655	1,930
41. 4		17,741	39,489	2.25	128,768	88,850
	182,250	54,675	127,575	2.10	382,725	267,906
dinn	643,760	276,817	366,943	1.90	1,223,144	697,192
fies	7,560	6,426	1,134	2.65	20,034	3,008
	191,400	103,356	88,044	2.15	411,510	189,290
font	740.150	236,848	72	2.25	810	163
	8.645	236,848	503,302 6.484	2.05	1,517,308	1,031,76
Mex	7,560	907	6,653	2.30	19,884 17,388	14,913
LY	47,400	27.018	20.382	2.35		15,300
ic	121,600	36,480	85,120	2.35	111,390 285,760	47,896
Dak	19,987	6,995	12,992	2.00	39,974	200,032
hio	379,050	136,458	242.592	2.15	814.958	521.57
)kla	4.745	1.756	2,989	2.10	11,388	7,174
reg	1,235	543	692	2.65	3.273	1.834
a	113,050	66,699	46.351	2.45	276,973	113.560
ic	30,250	9,680	20,570	2.25	68,063	46.28
.Dak	171.520	90,906	80,614	1.80	308,736	145.106
enn	43,560	23,958	19.602	2.30	100.188	45,080
ex	144,000	14,400	129,600	2.40	345,600	311.040
Jtah	1,440	446	994	2.65	3.816	2.634
a	50,430	26,728	23,702	2.35	118.511	55,700
Vash	7.865	1.180	6,685	2.65	20.842	17.715
V.Va	4.466	3.751	715	2.20	9,825	1,573
Vis	269,500	156,310	113,190	2.00	539,000	226.380
Vyo	2,754	1,652	1,102	2.25	6,197	2,480
U.S	7,081,849	2.638.733	4.443,116	2.11	14.888.952	9,379,408

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

CORN

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1976-781

1976 1,000 hectares 709 60 30 24 230 330 133 7,870 65 3 28,774 39,255 2,683 2300 11,800 631 110 4 225 400	1977 1,000 hectares 725 47 30 20 245 5738 320 352 7,920 212 77 3 28,329 39,018 2,660 236 10,700 94 618	1,000 hectares 783 50 20 252 810 320 325 8,20 228 80 3 27,560 38,661	Metric tons 5.32 1.40 .67 1.58 1.49 1.25 .92 .77 1.22 .99 .97 1.67 1.67 1.49	Metric tons 5.86 2.00 .67 2.10 1.55 1.02 .94 .94 .1.22 .85 1.04 1.67 5.71	Metric tons 4.92 1.96 67 2.10 2.08 1.14 .78 1.05 1.20 9.2 1.04 1.67 6.35	1,000 metric tons 3,770 84 20 38 342 842 180 9,600 149 64 5157,895	1977 1,000 metric fons 4,246 94 20 380 756 302 332 9,700 181 80 5161,823	1978 ³ 1,000 metric tons 3,85 9 2 4 52 92 25 93 44 9,80 8
hectares 709 60 30 30 30 44 230 675 320 330 31 151 66 3 28,774 39,255 2,683 11,600 11,	hectanes 725 47 30 20 245 738 320 352 7,920 212 77 328,329 39,018 2,660 236 10,700 94	hectares 783 50 30 30 20 252 810 325 825 826 3 3 27,560 38,661	5.32 1.40 .67 1.58 1.49 1.25 .56 .92 .777 1.27 1.67 5.49	5.86 2.00 .67 2.10 1.55 1.02 .94 .94 .1.22 .85 1.04 1.67 5.71	4.92 1.96 .67 2.10 2.06 1.14 .78 1.05 1.20 .92 1.04 1.67 6.35	metric tons 3,770 84 20 38 342 842 180 304 10 9,600 149 64	metric tons 4,246 94 20 42 380 756 302 332 9,700 181 80 5	metric tons 3,85 9 2 4 52 92 25 34 9,80 20 8
80 30 24 230 675 320 330 113 7,870 151 66 3 28,774 39,255 2,683 230 11,806 631 110 4 225 400	47 30 20 245 738 320 352 7,920 212 77 3 28,329 39,018 2,660 236 10,700 94	783 50 30 20 252 810 320 325 8,200 228 80 3 27,560 38,661	5.32 1.40 .67 1.58 1.49 1.25 .56 .92 .77 1.22 .99 .97 1.67 5.49	2.00 .67 2.10 1.55 1.02 .94 .94 1.22 .85 1.04 1.67 5.71	4.92 1.96 .67 2.10 2.08 1.14 .78 1.05 1.20 .92 1.04 1.67 6.35	3,770 84 20 38 342 842 180 304 10 9,600 149 64	4,246 94 20 42 380 756 302 332 9,700 181 80 5	3,85 9 2 4 52 92 25 34 9,80 20 8
30 24 230 675 320 330 137,870 151 66 3 28,774 39,255 2,663 230 11,800 116 631 110 4 225 400	30 20 245 738 320 352 7,920 212 77 3 28,329 39,018 2,660 236 10,700 94	30 20 2552 810 320 325 8,200 228 80 3 27,560 38,661	.67 1.58 1.49 1.25 .56 .92 .77 1.22 .99 .97 1.67 5.49	.67 2.10 1.55 1.02 .94 .94 .94 .1.22 .85 1.04 1.67 5.71	2.10 2.08 1.14 .78 1.05 1.20 .92 1.04 1.67 6.35	20 38 342 842 180 304 10 9,600 149 64	90 42 380 756 302 332 9,700 181 80 5	9,80 20 21 34 9,80 20 20 20 20 20 20 20 20 20 20 20 20 20
230 675 320 330 13 7,870 151 66 3 28,774 39,255 2,663 230 11,800 631 110 4 225 400	245 738 320 352 7,920 212 77 3 28,329 39,018 2,660 236 10,700 94	252 810 320 325 8,200 228 80 3 27,560 38,661	1.58 1.49 1.25 -56 -92 -77 1.22 -99 -97 1.67 5.49	2.10 1.55 1.02 .94 .94 .94 .1.22 .85 1.04 1.67 5.71	2.10 2.06 1.14 .78 1.05 1.20 .92 1.04 1.67 6.35	342 842 180 304 10 9,600 149 64	380 756 302 332 9,700 181 80 5	9,80 9,80 20 1
678 320 330 13 7,870 151 66 3 28,774 39,255 2,683 230 11,800 116 631 110 4 225 400	320 352 7,920 212 77 3 28,329 39,018 2,660 236 10,700 94	810 320 325 8,200 228 80 3 27,560 38,661	1.25 -56 -92 -77 1.22 -99 -97 1.67 5.49	1.02 .94 .94 1.22 .85 1.04 1.67 5.71	1.14 .78 1.05 1.20 .92 1.04 1.67 6.35	842 180 304 10 9,600 149 64	9,700 181 80 5	9,84
320 330 330 7,870 151 66 3 28,774 39,255 2,683 230 11,800 116 631 110 4 225 400	320 352 7,920 212 77 3 28,329 39,018 2,660 236 10,700 94	320 325 8,200 228 80 3 27,560 38,661	.92 .77 1.22 .99 .97 1.67 5.49	1.22 .85 1.04 1.67 5.71	1.20 92 1.04 1.67 6.35	180 304 10 9,600 149 64	302 332 9,700 181 80 5	9,8
13 7,870 151 66 3 28,774 39,255 2,683 230 11,800 116 631 110 4 225 400	7,920 212 77 3 28,329 39,018 2,660 236 10,700 94	8,200 228 80 3 27,560 38,661	.77 1.22 .99 .97 1.67 5.49	1.22 .85 1.04 1.67 5.71	1.20 .92 1.04 1.67 6.35	9,600 149 64 5	9,700 181 80 5	9,8
151 66 3 28,774 39,255 2,683 230 11,800 116 631 110 4 225 400	212 77 3 28,329 39,018 2,660 236 10,700 94	228 80 3 27,560 38,661 2,700	1.22 .99 .97 1.67 5.49	.85 1.04 1.67 5.71	.92 1.04 1.67 6.35	9,600 149 64 5	181 80 5	2
2,683 230 11,800 116 631 110 4 225 400	77 3 28,329 39,018 2,660 236 10,700 94	80 3 27,560 38,661 2,700	.97 1.67 5.49	1.04 1.67 5.71	1.04 1.67 6.35	64	80	1
28,774 39,255 2,683 230 11,800 116 631 110 4 225 400	39,018 2,660 236 10,700 94	27,560 38,661 2,700	5.49	1.67 5.71	6.35	157,895		175.0
39,255 2,683 230 11,800 116 631 110 4 225 400	39,018 2,660 236 10,700 94	38,661				107,890	101,823	
2,683 230 11,800 116 631 110 4 225 400	2,660 236 10,700 94	2,700	4.41	4.00		177 200		
230 11,800 116 631 110 4 225 400	236 10,700 94				4.94	173,303	177,961	191,1
11,800 116 631 110 4 225 400	10,700 94	251	3.28	3.57	3.07	8,800	9,500	8.3
116 631 110 4 225 400	94	11,800	1.33	1.27	1.68	305	299 13,900	19.0
631 110 4 225 400	618	95	1.59	2.73	2.84	18,800 355	257	19,0
225 400	147	630 118	1.21	1.34	1.38	766	826	8
400	147	5	.87 2.25	.60	1.13	96	156	,
	225	225	1.33	1.33	1.33	300	300	3
170	390 170	300 180	1.68	1.85	1.83	670 120	720 153	5
489	551	525	1.09	1.45	1.48	532	799	7
16,858	15,796	16,829	1.82	1.70	1.83	30,753	26,913	30,7
6	6	6	5.00	5.00	5.00	30	30	
1,350	1,627	1,825	4.07	5.29	5.12	5,500	8,614	9,2
890	983	940	6.00	6.51	6.28	5.337	6,396	5.9
1	1	1	5.00	5.00	5.00	5	8	
	_	-				-	-	15,8
					-			1.1
132	129	135	4.17	4.31	4.22	551	556	
	343	327	1.02	1.15	1.16	360	393	1,3
18	18	19	6.39	6.11	5.26	115	110	1,7
3,457	3,806	3,995	4.30	5.18	5.00	14,861	19,728	16,9
165	125	125	1.52	2.00	2.00	250	250	2.4
204	200	220	2.52	3.96	3.41	514	792	-
1 341	1 281	1 275				K 189	6,007	6,3
52	55	50	4.44	4.04	2.00	231	222	1
3,378	3,318 2,321	2,211 2,131	3.43	3.05 4.25	4.62 3.52	9,112	9,870	10,2
8,251	8,005	6,733	3.63	3.74	4.07	29,915	29,906	27,4
11,708	11,811	10,728	3.82	4.20	4.42	44,776	49,634	47,
3,303	3,362	3,000	3.07	3.27	3.00	10,136	10,979	9,0
			90	1.60	1.60	-		
600	600	600	.75	.58	.67	450	350	1 4
			.65	.43				1 1
340	340	345	1.03	1.03	1.04	350	350	1 :
660	741	777	4.11				2,724	2.7
	350	350	.98	1.11	1.14	300	387	1
	450	500	.71 1.54	1.74	.65	270	1 960	1 1
380		1,100	1 1.54		1.64	1.698	1.910	1.1
	1,350 103 890 1 1 2,351 160 132 354 442 18 3,457 165 738 204 1 1,341 1 1,341 2,372 8,251 11,708 3,303 5 600 310 175 340 660 900 303 308	6 1,350 1,627 100 890 983 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6	6 6 6 5.00 1,350 1,827 1,825 4.07 103 100 115 4.66 890 983 940 6.00 1 1 1 1 1 5.00 2,351 2,718 2,888 4.83 160 166 175 5.85 132 129 135 4.17 354 343 327 1.02 442 432 451 3.50 18 18 19 6.39 3,457 3,806 3,995 4.30 165 125 125 125 1.52 738 704 720 4.11 204 200 220 2.52 1 1 1 1 2.00 1,341 1,281 1,275 3.87 52 55 50 4.44 3,378 3,318 2,211 3.43 2,372 2,321 2,131 3.84 8,251 8,005 6,733 3.63 11,708 11,811 10,728 3.82 3,303 3,362 3,000 3.07	Columb C	1,350 1,627 1,825 4,07 5,29 5,12 103 100 115 4,66 5,79 5,04 890 983 940 6,00 6,51 6,5 1	1,350 1,627 1,825 4,07 5,29 5,12 5,500	6 6 6 500 500 30 30 30 30 30 30 30 30 30 30 30 30 3

See footnotes at end of table.

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1976-781—Continued

		Area ²		Yiel	d per hec	tare	1	Production	1
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
							1.000	1.000	1.000
	1.000	1,000	1.000	Metric	Metric	Metric	metric	metric	metric
Africa — Continued	hectares	hectares		tons	tons	tons	tons	tons	tons
Mali	90	90	90	0.67	0.83	0.89	60	75	80
Morocco	433	425	500	1.14	.43	1.16	492	184	580
Mozambique	680	680	680	.82	.66	.66	560	450	450
Nigeria	1,725	1,800	1,850	.83	.83	.88	1,440	1,500	1,620
Southern Rhodesia	475	475	475	2.95	2.74	2.95	1,400	1,300	1,400
Senegal	4,453	4.498	50	.71	.79	1.00	45	38	80
South Africa	1,300	1,300	1,300	2.15	2.24	2.10	9,592	10,084	9,400
Tanzania	290	290	290	1.21	1.21	1.21	900 350	900 350	900 350
Zambia	175	180	180	3.86	3.87	3.89	675	696	700
Zaire	370	588	600	1.11	.70	.71	410	412	424
Total	15,949	16,505	16,812	1.52	1.49	1.48	24,301	24,593	24,817
Asia:									
Afghanistan	460	460	460	1.52	1.74	1.74	700	800	800
Burma	100	100	100	.85	.85	.85	85	85	85
Kampuchea	100	100	100	1.20	1.20	1.20	120	120	120
China:			10 500	0.00					
Mainland	14,500	18,000	18,500	2.17	1.91	1.91	31,400	34,395	35,400
Taiwan	6.054	5,700	5,600	2.78 1.03	2.64	2.75	6.257	5.947	5.500
Indonesia	2.095	2,550	2,100	1.23	1.19	1.19	2,572	3,030	2,500
Iran	35	40	43	1.14	1.38	1.40	40	55	2,000
Iraq	20	20	20	2.20	2.60	2.50	44	52	56
Israel	5	3	3	2.80	2.67	2.67	14	8	1 8
Japan	4	3	4	2.75	2.67	2.75	11	8	11
Jordan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, North	950	950	950	2.74	2.53	2.58	2,600	2,400	2.450
Korea, Rep. of	35	38	38	2.40	2.47	2.95	84	113	112
Lebanon	2	2	2	1.00	.50	.50	2	1	1
Malaysia (Peninsular)	12	7	7	2.25	1.00	1.14	27	7	
Nepal	452	440	440	1.74	1.82	1.82	787	800	800
Pakistan	601	639	640	1.27	1.29	1.33	764	823	850
Philippines	3,321	3,332	3,500	.86	.86	.91	2,843	2,854	3,200
Syria	1.400	1.463	1,500	1.85	2.00	2.00	2,750	2.050	3.000
Thailand	600	580	600	2.18	2.18	2.00	1.310	1,265	1,200
Vietnam	30	30	30	1.17	1.17	1.17	35	35	32
Total	30,845	34,534	34,723	1.71	1.59	1.62	52,610	55,024	56,391
Oceania:								+	
Australia	58	48	55	2.50	2.31	2.91	145	111	160
New Zealand	34	30	26	7.53	7.57	7.69	256	227	200
Total	92	78	81	4.36	4.33	4.44	401	338	360
World total	118,006	121,106	120.834	2.85	2.85	2.98	336,271	345.442	359.818

¹Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1977 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1978 and ends early in 1979.

² Harvested area as far as possible.

³ Preliminary

a Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 46. - Corn: Price-support operations, United States, 1964-79

Von besteller	Suppor	rt price	Put unde	r support ³	Acquired by CCC	Owned	
Year beginning October	Per bushel ¹	Percentage of parity ²	Quantity	Percentage of production	under support program ⁴	by CCC Sept. 30	
64	Dollars 1.25		Million bushels	Percent	Million bushels	Million bushels	
65	1.25	80	216 215	6.2	12	540	
66	1.30	81	263	6.4	13	14 13 18 *29 *19	
67	1.35	83	497	10.4	193	10	
68	1.35	82	404	9.2	36	199	
69	1.35	78	398	8.7	5	9 16 9 16	
70	1.35	76	324	7.9	7 1	5.0	
71	1.35	71	953	16.9	35	* 18	
72	1.41	70	420	7.5	1	8	
73	1.64	70	261	4.6			
74	1.38	51	77	1.7		******	
75	1.38	45	147	2.5			
76	1.57	46	278	4.4			
77	2.00	58 56	1,162	18.0	12	1	
78	2.10	56	6650	*10.1	100	11	
79	42.20		******				

¹ Includes price-support payments of 15 cents in 1964, 20 cents in 1965, 30 cents from 1966 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.10; for 1976, \$1.50; and, for 1977 -79, 200 on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. Percentage of parity price as of the beginning of the marketing year.

Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain

Table 47.—Corn and cornmeal: United States exports (domestic), by country of destination, 1976 and 19771

	Ye	ar ¹		Yea	r1
Country of destination	1976	1977	Country of destination	1976	1977
Corn: Canada Other Americas	Metric tons 439,049 2,376,063	Metric tons 232,166 3,048,845	Cornmeal: Canada Dominican Republic	Metric tons 74,243 2,497 65	Metric fons 4,098,973 13,292 501
Total Americas	2,815,112	3,281,011	Brazil	3,183 21,638	77,318 1,758,900
Belgium and Luxem- bourg	2.040.098	1,600,898	Total Americas	101,626	5,948,984
Germany, Fed. Rep. of	5,319,497	2,500,606	Europe	2,496	193,501
Greece Italy Netherlands Norway Spain United Kingdom Other Europe	971,877 2,323,062 4,614,972 75,160 1,044,428 2,826,662 16,065,006	1,045,813 2,065,454 2,870,037 56,505 1,669,670 2,034,225 15,364,395	Philippines Other Asia and Oceania Senegal South Africa Other Africa	7 6,539 5,361 2,167 26,789	401 725,952 562,951 88,543 5,572,179
Total Europe	25,050,818	29,207,603	World total	144,984	13,092,511
India Iarael Japan Other Asia and Oceania Egypt Other Africa Other countries	330,439 7,640,262 2,784,759 667,238 378,664 1,815,362	395,022 8,610,030 3,556,070 731,403 596,446 2,779,619	Relief or charity ²	43,036	6,268,250
World total	42,482,654	49,156,204			
Relief or charity ²					

basis.

Includes deliveries from original program, the reseal program and over-deliveries as determined by weight of farmstored grain when delivered to CCC.

Bundley of the second of t

¹ Year beginning Oct. 1. ² Included in world total by country of destination.

Table 48.—Oats: Area, yield, production, disposition, and value, United States, 1964-78

		Area		Yield	ner -		Sold	Season average price per	Value
	Year	Planted 1 Harvested		harvested	Production	where produced	Sold	bushel re- ceived by farmers 2	of production
		1.000	1.000		1.000	1.000	1.000		1.000
		acres	acres	Bushels	bushels	bushels	bushels	Dollars	dollars
		25,634	19,759	43.1	852,257	570,425	281,832	0.631	540,878
		24,046	18,522	50.2	929,554	614,801	314,753	.622	587,414
		23,343	17,877	44.9	803,324	526,776	276,548	.666	539,806
		20,719	16,110	49.3	793,800	525,377	268,423	.659	528,03
		23,342	17,708	53.7	950,689	591,648	359,041	.598	575,84
		23,561	17,971	53.7	965,863	586,254	379,609	.584	572,32
1970	********	24,410	18,594	49.2	915,236	561,303	353,933	.623	582,22
		21,831	15,705	55.9	878,079	539,095	338,984	.604	543,71
1972		19,990	13,410	51.5	690,616	428,465	262,151	.724	507,20
1973		18,605	13,770	47.9	659,136	403,507	255,629	1.18	774.71
1974		17.013	12,608	47.6	600,655	389,016	211,639	1.53	912.01
1975		16,486	13.092	49.0	642,042	396,586	245,586	1.46	928.39
1976		16,734	11.946	45.7	546,315	352,983	193,332	1.56	845,18
		17.733	13,452	55.8	750,901	456,272	294,629	1.10	824,700
14970.9		16,385	11.531	52.2	601,477	370,769	230,708	1.18	704.52

¹Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.
²Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 49. - Oats: Stocks on and off farms, United States, 1964-78

Year beginning		On fa	arms		Off farms 2				
October	Oct. 1	Jan. 1	Apr. 1	July 11	Oct. 1	Jan. 1	Apr. 1	July 11	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 busheis	1,000 bushels	1,000 busheis	1,000 bushels	1,000 bushels	
1964	728,807	604,469	389,534	213,738	120,316	87,774	71,050	62,77	
1965	782,038	661,263	449,217	241,215	138,613	102,606	87,258	75,46	
1966	678,804	557,581	355,033	199,294	156,250	105,110	87,895	71,34	
1967	650,293	552,094	363,866	207,725	135,670	104,378	83,534	66,51	
1968	791,680	668,396	448,085	278,688	154,655	123,227	109,377	99,94	
1969	847,091	738,853	541,049	352,783	193,728	160,986	144,644	145,81	
1970	857,908	710,715	509,312	315,933	246,292	210,771	199,540	200,82	
1971	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,94	
1972	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,97	
1973	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,74	
1974	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,30	
1975	487,412	398,891	247,832	158,939	130,775	94,092	70,101	46,27	
1976	419,968	339,008	211,615	129,328	112,445	73,477	47,459	35,60	
1977	561,425	482,291	357,348	257,067	115,459	82,707	61,317	53,55	
19783	550,727	483,167	329,231		115,008	80,570	64,395		

Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.
*Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

3 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 50. - Oats: Supply and disappearance, United States, 1964-78

			Suj	oply		Disappearance					Ending stocks May 31		
	Year beginning	Begin-	Pro-			Do	mestic u	18e		Total	1		
	June	ning stocks	duc- tion	Im- ports	Total	Feed	Food and seed	Total	Ex- ports disap- pear- ance	Pri- vately held ¹	vately ern-	Total	
		Million	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million
1964	********	363	852	3	1,218	782	106	888	5	893	299	26	325
1965	********	325	930	4	1,259	742	105	847	34	881	341	37	378
1966	********	378	803	4	1,185	749	97	846	22	868	276	41	317
1967	********	317	794	3	1.114	686	101	787	11	798	271	45	316
1968	********	316	951	2	1,269	736	101	837	8 5	845	377	47	424
1969	********	424	966	2	1,392	735	104	839	5	844	468	80	548
1970 1971	*******	548 570	915 878	3	1,464	778	97	875	19 21	894	429	141	570
1972	********	597	691	3	1,451 1,291	739	94 88	833 809	19	854	423	174	597
1973	********	463	659	131	1.123	721 674	85	759	57	828	350	113	463
1974	********	307	601	431	908	584	82	666	19	816 685	282	25	307
1975		223	642	1	866	562	85	647	14	661	216 205	0	200
1976		205	546	2	753	490	88	578	10	588	165	0	162
1977		165	751	2	918	512	84	596	11	607	311	0	311
1978		311	601	1	913	312		300		001	311		311

¹ Includes total Government loans (original and reseal).

² Uncommitted Government only.

³ Less than 500,000 bushels.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 51. - Oats: Price-support operations, United States 1964-79

Year	Suppor	t price	Put unde	r support ³	Acquired by CCC	Owned by CCC June 301	
beginning July ¹	Per bushel	Percentage of parity ²	Quantity	Percentage of production	under support program 4		
	Dollars	Percent	Million	Percent	Million bushels	Million	
964	0.65	77	44.9	5.3	25.1	42.	
965	.60		43.9	4.7	6.8	50	
966	.60	70 69 71 70 67 66 56	22.7	2.8	6.5	47	
967	.60 .63	71	22.7 37.2	4.7	19.5	50 47 45 54	
968	.63	70	94.9	10.1	35.6	554	
969	.63 .63 .54	67	152.4	15.7	62.0	5 104	
970	.63	66	108.8	11.9	26.6	⁸ 168	
971	.54	56	81.9	9.3	.7	⁸ 178	
972	.54 .54 .54 .54 .72	54	31.8	4.6		9 104	
973	.54	48	10.4	1.6		5 23	
974	.54	43	3.9	.6		* 5	
975	.54	48 43 37 45 59	3.9	.6	*******		
976	.72	45	4.6	.8			
977	1.03	59	82.9	11.0	1.5	1	
978	1.03	53	6 25.0	43.3	.5	2	
979	61.03	*******	******		*******		

¹Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

²Percentage of the parity price as of the beginning of the marketing year.

³Includes loans made, purchases, and purchase agreements entered into.

⁴Includes deliveries from original program, the reseal program, and over-deliveries as determined by weight of farmstored grain when delivered to CCC.

⁵Uncommitted CCC inventory.

⁶Preliminary.

Agricultural Stabilization and Conservation Service.

Table 52. - Oats: Area, yield, and production, by States. 1976-78

		rea plan	ieu .	741	ea harvi	mien	r sesa pe	r narves	ted acre		Productio	on
State	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782
	1.000	1.000	1.000	1.000	1.000	1.000	Bush-	Bush-	Bush-	1.000	1.000	1.000
	acres	acres	acres	acres	acres	acres	els	eis	els	bushels		bushels
Ala	90	92	92	25	25	30	37.0	41.0	40.0	925	1.025	1.200
Ark	65	85	80	55	50	55	78.0	70.0	73.0	4,290	3,500	4.015
Calif	385	400	380	100	104	106	49.0	51.0	48.0	4.900	5,304	5.088
Colo	114	115	121	50	31	40	47.0	46.0	44.0	2,350	1.426	1,760
Fla.3	33	33		12	12		50.0	45.0	**.0	600	540	1,700
Ga	140	130	135	60	55	65	53.0	50.0	53.0	3,180	2,750	3,445
Idaho	60	66	65	43	45	49	56.0	57.0	64.0	2,408	2,750	3,136
III	435	390	400	380	340	275	59.0	61.0	56.0	22,420	20,740	15,400
Ind	250	200	220	200	150	165	51.0	53.0	54.0	10,200	7,950	8,910
lowa	1.700	1.650	1.800	1.400	1.350	1.150	59.0	61.0	58.0	82,600	82,350	66,700
Kans	250	285	170	200	210	120	42.0	45.0	39.0	8,400	9,450	4,680
Ку	42	36	36	10	9	7	35.0	35.0	42.0	350	315	
La3	19	19	1	9	7		52.0	54.0	92.0	468	378	294
Maine	38	38	39	28	30	36	50.0	50.0	66.0	1,400		2.376
Md	27	27	28	22	22	23	55.0	54.0	54.0	1.210	1,500	
Mich	420	400	390	385	340	360	51.0	55.0	57.0		1,188	1,242
Minn	2,300	2.530	2.150	2.060	2.380	1,830	46.0			19,635	18,700	20,520
Miss.3	30	30	4,100	13		1,630		68.0	54.0	94,760	161,840	98,820
Mo	210	220	80	136	13	35	42.0	45.0		546	585	
Mont	260	312	400	157	140	208	40.0	50.0	38.0	5,440	7,250	1,330
Nebr	850	840	600	660	700	450	48.0	40.0	51.0	7,536	5,600	10,608
Nev.3	10	13	600	3		400	42.0	58.0	47.0	27,720	40,600	21,150
N.J	11	10	9	8	9		48.0	55.0	****	144	220	
N.Y	360	340	350	315	290	8	51.0	43.0	48.0	408	387	384
N.C	175	170	185			300	55.0	53.0	59.0	17,325	15,370	17,700
N.Dak	1.320	1.900		80	75	95	47.0	42.0	55.0	3,760	3,150	5,225
Ohio	550	460	1,350	1,180	1,500	1,220	38.0	40.0	54.0	44,840	60,000	65,880
Okla	230	280	440	500	420	400	57.0	59.0	61.0	28,500	24,780	24,400
Oreg	130	140	260	105	130	95	45.0	46.0	36.0	4,725	5,980	3,420
	390	390	130	70	80	70	55.0	65.0	60.0	3,850	5,200	4,200
S.C	140		360	355	350	340	51.0	53.0	53.0	18,105	18,550	18,020
S.Dak	2,560	2.920	135	65	55	75	45.0	46.0	52.0	2,925	2,530	3,900
Tenn	102		2,570	1,420	2,450	2,210	30.0	54.0	46.5	42,600	132,300	102,768
	1,330	1.450	1.800	25	25	25	45.0	43.0	45.0	1,125	1,075	1,125
	1,330			390	600	430	37.0	40.0	32.0	14,430	24,000	13,760
	65	20 75	21 82	12	10	12	57.0	55.0	48.0	684	550	576
	82			31	34	36	48.0	44.0	45.0	1,488	1,496	1,620
Wash W.Va	19	78	72	35	35	30	56.0	43.0	62.0	1,960	1,505	1,860
Wis		19	18	14	12	12	45.0	41.0	42.0	630	492	504
	1,450	1,270	1,250	1,280	1,170	1,120	43.0	65.0	56.0	55,040	76,050	62,720
Wyo	10	75	71	53	45	49	46.0	38.0	56.0	2,438	1,710	2,744
	16,734	17.733	16.385	11.946		_		_				

Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.
 Preliminary.
 Estimates discontinued after 1977 Crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 53. - Oats and oatmeal: United States exports, by country of destination, 1976 and 1977

Country of destination	Ye	ar ¹		Ye	ari
Country of destination	1976	1977	Country of destination	1976	1977
Oats: Mexico Belgium and Luxembourg Germany, Fed. Rep. of Italy Netherlands Switzerland Other countries	Metric tons 83 25,053 11,118 14,362 2,059 30,266	Metric tons 4.270 7.915 119,090 24,997 4,935 57,572	Oatmeal: Mexico Central America Colombia Ecuador Venezuela Other Americas Other countries	Metric tons 3 10,502 1,757 63 7,324 4,397 683	Metric tons 297 9,708 3,284 99 7,413 5,156 4,581
World total ²	82,941	218,779	World total	24,719	30,532

¹ Year beginning Oct. 1. ²Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 54.—Oats: Production, disposition, and value, by States, crop of 1978 (preliminary)

e		Used on farms	0-14	Season average	Value	of—
State	Production	where produced	Sold	price per bushel	Production	Sales
Alia Ark Calif Colo	1,000 bushels 1,200 4,015 5,088 1,760	1,000 bushels 696 923 763 1,056	1,000 bushels 504 3,092 4,325 704	Dollars 1.40 1.45 1.60 1.20	1,000 dollars 1,680 5,822 8,141 2,112	1,000 dollars 706 4,483 6,920 845
Ga Idaho Ili Ind Ind Iowa Kans Kans	3,445 3,136 15,400 8,910 66,700 4,680 294	1,757 1,443 8,932 5,079 45,356 3,416 229	1,688 1,693 6,468 3,831 21,344 1,264 65	1.30 1.45 1.25 1.55 1.20 1.40 1.95	4,479 4,547 19,250 13,811 80,040 6,552 573	2,194 2,455 8,085 5,938 25,613 1,770 127
La.1 Maine Md Mich Mich	2,376 1,242 20,520 98,820	356 1,018 8,618 58,304	2,020 224 11,902 40,516	1.05 1.50 1.25 1.10	2,495 1,863 25,650 108,702	2,121 336 14,878 44,568
Miss. ¹ Mo Mont Nebr	1,330 10,608 21,150	1,130 7,213 13,324	200 3,395 7,826	1.15 1.15 1.20	1,530 12,199 25,380	230 3,904 9,391
Nev! N.J N.J N.J N.Y N.Y N.C N. Dak Ohio Okla Oreg Pa S.C S. Dak Tenn Tex Utah Va Wash W. Va Wis Wyo	384 17,700 5,225 65,880 24,400 3,420 4,200 18,020 3,900 102,765 1,125 13,760 576 1,620 5,146 62,720	269 11,859 3,030 40,846 13,908 2,326 1,134 14,056 2,145 55,485 765 8,256 432 1,215 1,116 464 52,058 1,784	115 5,841 2,195 25,034 10,492 1,094 3,964 1,755 47,272 360 5,504 405 744 405 10,662 960	1.45 1.40 1.25 1.00 1.35 1.45 1.45 1.20 1.05 1.75 1.30 1.60 1.50 1.60	557 24,780 6,531 65,880 32,940 4,959 5,880 26,129 4,680 107,903 1,969 17,888 922 2,430 2,976 580 68,992 3,704	167 8.177 2.744 25,034 14.156 4.295 5,744 2.100 49,633 630 7.155 233 600 1,199 44 11.722 1,296
U.S	601,477	370,769	230,708	1.18	704,526	271,10

¹ Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES POR TABLE 55

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

¹Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1978 and ends early in 1979.

²Harvested area as far as possible.

³Preliminary.

Table 55. — Oats: Area, yield per hectare, and production in specified countries, 1976-781

		Area ²		Yiel	ld per hec	tare	1	Productio	n
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
North America:	1,000 hectares 2,410	1,000 hectares 2,131	1,000 hectares 1.829	Metric tons 2.00	Metric tons 2.02	Metric tons 1.98	1,000 metric tons 4,831	1,000 metric tons 4,303	1,000 metric tons 3,621
Mexico United States	70 4,834	65 5,444	80 4,666	.86 1.64	2.00	.94 1.87	60 7,930	10,901	8,726
Total	7,314	7,640	6,575	1.75	2.00	1.89	12,821	15,265	12,420
South America: Argentina Brazil Chile Colombia Ecuador Uruguay	383 38 75 2 1 64	430 46 75 2 1 30	425 45 74 2 1 40	1.38 1.05 1.65 2.50 1.00	1.33 .87 1.24 2.50 1.00 .57	1.29 .89 1.41 2.00 1.00 .90	530 40 124 5 1 33	570 40 93 5 1	586 46 104 3
Total	563	584	587	1.30	1.24	1.25	733	726	730
Europe: Belgium-Luxembourg Denmark France Germany, Fed. Rep. of Ireiand Italy Netherlands United Kingdom	59 198 645 855 42 236 25 235	48 78 625 793 35 226 21 195	40 71 590 754 30 229 25 182	2.46 2.61 2.17 2.92 3.57 1.86 4.12 3.25	2.92 3.69 3.08 3.42 3.63 1.57 4.48 4.05	3.15 3.04 3.07 4.30 3.67 1.92 4.60 3.98	145 256 1,402 2,497 150 440 103 764	140 288 1,928 2,714 127 355 94 790	128 216 1,810 3,245 110 440 118 728
Total EC	2,195	2,021	1,921	2.62	3.18	3.53	5,757	6,436	6,787
Austria Finland Greece Norway Portugal Spain Sweden Switzerland	67	90 417 63 99 150 384 458 11	90 465 62 99 200 419 457 12	2.98 2.85 1.57 2.81 .62 1.11 2.78 4.00	3.10 2.45 1.27 3.51 .37 1.10 3.09 4.18	3.31 2.80 1.63 3.62 .20 1.29 3.67 4.00	283 1,573 106 287 133 506 1,251 48	279 1,022 80 347 55 421 1,416 46	296 1,300 101 356 40 530 1,670 44
Total Western Europe	4,143	3,693	3,725	2.40	2.74	2.99	9,942	10,102	11,14
Albania Bulgaria Czechoslovakia German Dem. Rep. Hungary Poland Romania Yugoslavia	25 50 198 190 39 1,115 67 232	25 50 190 153 32 1,097 54 231	25 45 180 190 27 1,000 42 230	.68 1.20 1.91 2.66 2.21 2.42 .72 1.38	.68 1.20 2.39 2.69 2.16 2.33 1.13 1.34	.68 1.22 2.78 2.63 2.70 2.60 1.17 1.35	17 60 379 506 86 2,695 48 320	17 60 454 411 69 2,561 61 309	17 50 500 500 77 2,600 40 310
Total Eastern Europe	1,916	1,832	1,739	2.15	2.15	2.36	4,111	3,942	4,10
Total Europe	6,059	5,525	5,464	2.32	2.54	2.79	14,053	14,044	15,25
Soviet Union (Europe and Asia)	11,237	13,026	12,700	1.61	1.41	1.50	18,113	18,407	19,00
Africa: Algeria Morocco South Africa	50 31 605	70 27 552	75 27 535	.74 1.16 .14	.93 .30 .07	1.20 .81 .07	37 36 85	65 8 40	9x 22 3
Total	686	649	637	.23	.17	.23	158	113	14
Asia: China, Mainland Japan Turkey	1,230 10 243	1,487 8 230	1,400 11 230	1.06 2.20 1.65	1.02 2.25 1.61	1.14 1.82 1.61	1,300 22 400	1,515 18 370	1,60 2 37
Total	1,483	1,725	1,641	1.16	-1.10	1.21	1,722	1,903	1,99
Oceania: Australia New Zealand	991	1,076	1,424 18	1.08 3.74	.92 3.47	1.09 3.33	1,073 71	991 59	1,55
Total	1,010	1,093	1,442	1.13	.96	1.12	1,144	1,050	1,61
World total	28,352	30,242	29,046	1.72	1.70	1.76	48,744	51,508	51,15

See footnotes on page 41.

Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1964-78

	Year	Planted 1	Harvested	harvested acre	Production	farms where produced	Sold	price per bushel re- ceived by farmers 2	Value of production
					1.000				
		acres			1,000	1.000	1.000		1.000
			acres	Bushels	bushels	bushels	bushels	Dollars	dollars
		11,652	10,277	37.6	386,059	91,400	294,659	0.953	365,05
	*******	10,123	9,166	42.9	393,055	92,880	300,175	1.02	399,57
	*******	11,184	10,250	38.3	392,106	103,816	288,292	1.06	411,84
1967 .		10,077	9,230	40.5	373,745	104,154	269,591	1.01	374,41
	********	10,486	9,732	43.8	426,151	110,361	315,790	.921	390,24
	*******	10,291	9,557	44.7	427,055	116,637	310,418	.885	377,87
1970 .	********	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,31
	********	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,58
	*******	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,22
		11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,56
		8,713	7,930	37.7	298,669	81,501	217,168	2.81	821,63
1975 .	******	9,290	8,530	43.9	374,386	100,127	274,259	2.42	894,72
1976 .		9,157	8,297	44.9	372,461	96,175	274,286	2.25	829,71
1977 . 1978°	********	10,621 9,987	9,564 9,233	43.9 48.4	420,159 447,008	114,524 117,841	305,635 329,167	1.78	744,90 843,60

¹ Barley sown for all purposes, including barley sown in the preceding fall.

² Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 57. - Barley: Stocks on and off farms, United States, 1964-78

Year		On fi	arms			Off fa	rms ²	
October October	Oct. 1	Jan. 1	Apr. 1	July 11	Oct. 1	Jan. 1	Apr. 1	July 11
	1,000 bushels							
1964	247,182	180,785	101,466	38,376	148,680	119,853	97,834	61,14
1965	244,187	184,763	99,281	46,208	143,530	116,298	93,961	58,63
1966	246,672	177,746	113,764	56,467	139,998	115,226	92,240	64,79
1967	232,905	184,651	128,747	71,241	148,900	118,539	89,266	66,14
1968	305,974	250,262	185,706	116,056	151,139	123,898	99,034	84,60
1969	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,30
1970	305,992	238,143	141,748	80,534	183,833	142,192	115,019	74,84
1971	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,81
1972	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,78
1973	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,92
1974	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,64
1975	212,801	160,291	97,805	63,198	126,963	113,508	86,360	64,66
1976	208,938	153,726	90,752	52,252	152,354	117,511	97,316	73,44
1977	265,840	218,947	148,919	104,741	139,334	110,266	89,043	67,37
19783	338,701	273,796	196,584		129,611	114,164	98,076	******

¹Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1.
²Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.
³Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 58. - Barley: Supply and disappearance, United States, 1964-78

			Sup	oply			Dis	appeara	nce		Ending	stocks !	May 31
	Year					Do	mestic u	150					
	beginning June	Begin- ning stocks	Pro- duc- tion	Im- ports	Total	Feed	Food, alcohol, and seed	Total	Ex- ports	Total disap- pear- ance	Privately held ¹	Gov- ern- ment ²	Total
		bushels	bushels	bushels	bushels	bushels	bushels	bushels	Million	bushels	bushels	bushels	busheli
1964		162	386	12	560	251	117	368	59 78	427	117	16	133
1965 1966	*******	133 133	393	- 8	534 532	202	121	323	48	401 384	123	10	13:
1967	********	148	374	9	531	205	129	334	36	370	155	6	16
1968	********	161	426	10	597	227	133	360	12	372	217	8	22
1969		225	427	13	665	248	138	386	10	396	256	13	26
1970		269	416	10	695	287	140	427	84	511	161	23	18
1971	********	184	462	12	658	266	143	409	41	450	208	0	200
1972		208	422	17	646	238	146	384	70	454	191	1	193
1973		192	417	9	618	232	147	379	93	472	146	0	14
1974		146	299 374	20	465	180	151	331	42	373 354	92 128	0	12
1975 1976		92 128	374	16	482 511	182	148 158	330 319	24 66	385	128	0	12
1976		128	420	9	555	167	159	326	57	383	172	0	17
1978	a	172	447	10	629	101	100	320		963	110		4.0

¹Includes Government loans (original and reseal).
²Uncommitted Government only.
³Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 59. - Barley: Area, yield, and production, by States, 1976-1978

State	Are	ea plante	ed 1	Are	a harve	sted	Yield pe	r harves	ted acre	F	roduction	n
State	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782
	1,000	1,000	1,000	1,000	1,000	1,000	Bush-	Bush-	Bush-	1,000	1,000	1,000
	acres	acres	acres	acres	acres	acres	els	els	els	bushels	bushels	bushels
Aria	65	62	42	57	55	35	76.0	76.0	71.0	4,332	4,180	2,48
alif	1,200	1,150	1,100	1,010	950	950	56.0	56.0	48.0	56,560	53,200	45,60
2010	275	280	280	245	230	240	55.0	59.0	64.0	13,475	13,570	15,36
Del	34	34	33	25	22	24	48.0	44.0	44.0	1,200	968	1,05
ia.3	7	9		6	7		45.0	37.0	****	270	259	
daho	810	1,000	950	800	940	930	54.0	47.0	60.0	43,200	44,180	55,80
11	11	10	10	10	9	7	40.0	42.0	36.0	400	378	25
nd,3	12	9	****	9	8		42.0	40.0	****	378	320	****
Kans	80	90	72	68	78	60	35.0	36.0	44.0	2,380	2,808	2,64
Ку	35	39	37	23	25	23	37.0	46.0	43.0	851	1,150	98
Md	103	100	105	90	70	85	49.0	49.0	45.0	4,410	3,430	3,82
Mich	20	21	20	19	19	19	46.0	52.0	47.0	874	988	89
Minn	880	1,100	1,070	860	1,080	1,050	41.0	51.0	49.5	35,260	55,080	51,97
Mo.3	10	10		8	8		32.0	37.0		256	296	
Mont	1,220	1,550	1,500	1,170	1,430	1,375	44.5	36.5	41.0	52,065	52,195	56,37
Nebr	45	47	33	40	43	29	36.0	45.0	38.0	1,440	1,935	1,10
Nev	18	21	22	16	19	20	54.0	65.0	60.0	864	1,235	1,20
N.J	42	40	39	20	17	20	49.0	48.0	46.0	980	816	92
N.Mex	32	35	33	24	26	25	51.0	51.0	57.0	1,224	1,326	1,42
V.Y	10	11	11	9	10	10	44.0	44.0	42.0	396	440	42
N.C	73	67	70	60	55	59	39.0	40.0	51.0	2,340	2,200	3,00
N.Dak	2,200	2,690	2,500	2,140	2,530	2,450	38.0	39.0	46.0	81,320	98,670	112,70
Ohio	13	13	11	11	11	10	52.0	51.0	48.0	572	561	48
Okla	85	140	100	73	120	80	42.0	35.0	34.0	3,066	4,200	2,72
Oreg	180	210	200	160	190	185	46.0	47.0	50.0	7,360	8,930	9,25
Pa	140	135	135	125	125	125	43.0	50.0	47.0	5,375	6,250	5,87
S.C	25	24	27	20	21	24	36.0	40.0	47.0	720	840	1,12
8.Dak	580	680	600	350	640	565	17.0	42.0	37.0	5,950	26,880	20,90
Tenn	25	24	22	13	13	13	37.0	39.0	34.0	481	507	44
Гех	75	150	110	52	85	40	39.0	40.0	27.0	2,028	3,400	1,08
Utah	151	144	148	126	115	131	55.0	54.0	56.0	6,930	6,210	7,33
Va	110	115	123	92	92	101	48.0	44.0	50.0	4,416	4,048	5,05
Wash	400	420	400	390	350	380	54.0	27.0	65.0	21,060	9,450	24,70
W.Va	10	10	11	9	9	10	42.0	42.0	44.0	378	378	44
Wis	35	31	28	32	29	27	40.0	54.0	49.0	1,280	1,566	1,32
Wyo	146	150	145	135	133	131	62.0	55.0	63.0	8,370	7,315	8,25
U.S	9,157	10.621	9,987	8,297	9.564	9.233	44.9	43.9	48.4	372,461	420,159	447.00

Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.

² Preliminary. ³ Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

PUNTSHITES FOR TABLE 61

¹Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31 ²Includes price-support payments of 12 cents in 1965, 1969, and 1970, and a guarantee of 32 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; and, for 1977–79, \$1.63 on entire production. For 1974 to 1978, the target level is a price guarantee on allotment production at levels indicated under support price. under support price.

under support price.

3 Percentage of parity price as of the beginning of the marketing year.

4 Represents loans made, purchases, and purchase agreements entered into.

5 Includes deliveries from original program, the reseal program, and over-deliveries as determined by weight of farmstored grain when delivered to CCC.

5 Uncommitted CCC inventory.

7 Preliminary.

Agricultural Stabilization and Conservation Service.

Table 60.—Barley: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms	Sold	Season average	Value	of—
State	Production	where produced	Sold	price per bushel	Production	Sales
Aria Calif Colo Del Gp	1,000 bushels 2,485 45,600 15,360 1,056	1,000 bushels 373 5,472 2,611 401	1,000 bushels 2,112 40,128 12,749 653	Dollars 2.40 2.35 2.35 1.80	1,000 dollars 5,964 107,160 36,096 1,901	1,000 dollars 5,069 94,301 29,960 1,179
Idaho	55,800 252	20,646 144	35,154 108	1.95 1.75	108,810 441	68,550 186
Ind. ¹ Kans Ky Md Mich Minn		1,241 386 2,218 429 7,796	1,399 603 1,607 464 44,179	1.65 1.65 1.80 2.60 1.80	4,356 1,632 6,885 2,322 93,555	2,306 995 2,893 1,206 79,522
Mo.1 Mont Nebr Nev Nev N.3 N.Mex N.Y	56,375 1,102 1,200 920 1,425	13,530 716 600 322 556 218	42,845 386 600 598 869 202	1.70 1.70 2.20 1.75 1.95	95,838 1,873 2,640 1,610 2,779 588	72,837 656 1,320 1,047 1,695 283
N.C N.Dak Ohio Okla Oreg	112,700 480 2,720	1,896 24,794 394 1,714 1,387	1,113 87,906 86 1,006 7,863	1.80 1.75 1.75 1.70 1.90	5,416 197,225 840 4,624 17,575	2,000 153,836 15 1,710 14,946
Pa	5,875 1,128 20,905 442	4,054 632 9,825 345 335	1,821 496 11,080 97	1.80 1.80 1.70 1.95	10,575 2,030 35,539 862	3,278 893 18,836 186
Utah Va Wash W.Va	7,336 5,050 24,700 440	4,475 3,232 2,717 387	745 2,861 1,818 21,983 53	1.90 2.00 1.90 1.85 2.00	2,052 14,672 9,595 45,695 880	1,416 5,722 3,454 40,668 106
Wis	1,323 8,253	529 3,466	794 4,787	1.65 2.35	2,183 19,395	1,310 11,249
u.s	447,008	117,841	329,167	1.90	843,608	623,77

¹ Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 61.—Barley: Price-support operations, United States, 1964-79

	Suppor	t price	Put under	r support 4	Acquired by CCC under	Owned
Year beginning July 1	Per bushel ²	Percentage of parity 3	Quantity	Percentage of production	support program 5	by CCC June 30
			Million		Million	Million
	Dollars	Percent	bushels	Percent	bushels	bushels
964	0.96	78	15.0	3.9	0.3	19.5
965	.96	77	16.5	4.2	1.8	10.
966	1.00	78	16.5	4.2	2.5	5.5
967	.90	68 67	48.2	12.9	17.0	5.1
968	.90	67	123.8	29.3	70.0	6 18.
969	1.03	73	52.5	12.4	5.6	618.
970	1.03	71	27.6	6.7	.9	6 28.
971	.81	53	88.9	19.2	.7	41.
972	1.15	73	41.7	9.9		
973	1.34	74	15.3	3.6		
974	1.13	54	6.9	2.3	*******	******
975	1.13	44	9.2	2.5	*******	
976	1.28	42	19.2	5.2	*******	
977	1.39	46	86.9	20.7	.7	
978	2.25	73	7 68.0	7 16.2	1.3	2
979	72.40				*******	******

See footnotes on page 45.

Table 62.—Barley and malt: United States exports, by country of destination 1976 and 1977

	Ye	ar ¹		- Ye	ar 1
Country of destination	1976	1977	Country of destination	1976 1,000 bushels 8 51 1 246 10 132	1977
Barley: Mexico Belgium and Luxembourg Germany, Fed. Rep. of Italy Netherlands Poland United Kingdom Other Europe Israel Japan Korea, Rep. of Other countries World total	1,000 bushels 109 5,586 8,849 4,413 3,098 5,845 9,553 3,026 13,340 30,681	1,000 bushels 1,742 1,798 477 6,683 2,932 3,281 5,803 16,826	Malt: Canada Mexico Costa Rica Dominican Republic Jamaica Guyana Peru Venezuela Other Americas Japan Other countries World total	bushels 8 51 1 246 10 132	1,000 bushels 27 362 3 118 2 404 20 524 100

 $^{\rm I}$ Year beginning Oct. 1. $^{\rm 2}$ Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 63.—Barley: Area, yield per hectare, and production is specified countries, 1976-781

A transfer of the		Area 2		Yiel	d per hec	tare	1	Production	n
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
							1.000	1.000	1.000
	1.000	1.000	1.000	Metric	Metric	Metric	metric	metric	metric
North America:	hectares		hectares	tons	tons	tons	tons	tons	tons
Canada	4,354	4,751	4,259	2.41	2.48	2.42	10,513	11,799	10,29
Mexico	329	295	310	1.46	1.39	1.50	480	410	460
United States	3,359	3,870	3,736	2.41	2.36	2.60	8,099	9,144	9,73
Total	8,042	8,916	8,305	2.37	2.39	2.47	19,092	21,353	20,492
South America:									
Argentina	476	310	300	1.60	1.14	1.33	760	353	400
Bolivia	112	112	115	.71	.54	.72	80	60	8
Brazil	83	100	95	1.20	1.03	1.05	100	103	100
Chile	63	64	65	2.27	1.95	2.00	143	125	13
Colombia	57	49	75	1.11	1.76	1.96	63	86	14
Ecuador	65	50	40	.88	.80	.80	57	40	33
Peru	185	180	185	.89	.94	.95	165	170	178
Uruguny	44	43	45	.91	.88	1.16	40	38	50
Total	1,085	908	920	1.30	1.07	1.22	1,408	975	1.119
Europe:									
Belgium-Luxembourg	156	170	176	4.11	4.31	4.50	641	733	790
Denmark	1.478	1.527	1.538	3.23	3.98	4.24	4,768	6.064	6.52
France	2,752	2,909	2,770	3.02	3.54	3.97	8,319	10,290	11,00
Germany, Fed. Rep. of	1,735	1,811	1,950	3.74	4.19	4.39	6,487	7,583	8,56
Ireland	246	289	332	3.78	4.91	4.29	930	1,420	1,42
Italy	275	290	294	2.76	2.33	2.69	760	677	79
Netherlands	62	66	72	4.24	4.35	4.31	263	287	31
United Kingdom	2,182	2,400	2,350	3.51	4.38	4.34	7,648	10,520	10,20
Total EC	8,886	9,462	9,482	3.36	3.97	4.18	29,816	37,594	36,60
Austria	325	329	338	3.96	3.68	3.78	1.287	1.212	1.27
Finland	507	577	550	3.06	2.51	2.55	1.553	1.447	1,40
Greece	396	387	365	2.40	1.81	2.63	955	702	96
Malta-Gozo	2	2	2	1.50	1.50	1.50	3	3	
Norway	173	179	180	2.81	3.40	3.36	486	609	60
Portugal	114	65	83	.91	.52	.43	104	34	3
Spain	3,240	3,149	3,326	1.69	2.13	2.40	5,473	6,693	7,99
Sweden	554	598	674	3.29	3.29	3.79	1,825	1,966	2,55
Switzerland	43	45	47	4.33	4.00	4.19	186	180	19
Total Western Europe	14.242	14,793	15,047	2.93	3.41	3.63	41,688	50,440	54,62

Table 63.—Barley: Area, yield per hectare, and production in specified countries, 1976-78!—Continued

		Area ²		Yiel	d per hec	tare	F	roduction	1
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
Europe — Continued Albania	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons 1.00	Metric tons 1.00	Metric tons	1,000 metric tons 10	1,000 metric tons 10	1,000 metric tons
Bulgaria Czechoslovakia German Dem. Rep.	524 857 960	530 851 997	500 930 950	3.41 3.39 3.60	2.78 3.77 3.69	3.20 3.76 4.11	1,786 2,901 3,456	1,476 3,207 3,681	1,600 3,500 3,900
Hungary Poland Romania Yugoslavia	1,210 410 293	224 1,235 595 306	225 1,203 721 300	3.26 2.99 3.00 2.23	3.16 2.76 3.12 2.12	3.38 3.08 3.02 2.17	747 3,617 1,231 653	706 3,404 1,857 650	760 3,700 2,174 650
Total Eastern Europe	4,493	4,748	4,839	3.21	3.16	3.37	14,401	14,993	16,294
Total Europe	18,735	19,541	19,886	2.99	3.35	3.57	56,089	65,433	70,923
Soviet Union (Europe and Asia)	34,258	34,514	32,700	2.03	1.53	1.90	69,539	52,687	62,000
Africa: Algeria Egypt	600 44	800 40	800 42	.70 2.80	.63 2.78	.81 2.83	420 123 1,500	500 111 1,500	650 119 1,500
Ethiopia Libya Morocco South Africa	1,775 160 2,117 112	1,775 160 2,316 114	1,775 160 2,313 125	.85 .63 1.30 .56	.85 .63 .58	.85 .63 1.21	100 2,761 63	100 1,345 89	1,800 100 2,800 85
Tunisia	350	300	300	.77	.33	.47	270	100	140
Total	5,158	5,505	5,515	1.02	.68	.98	5,237	3,745	5,394
Asia: Afghanistan Bangladesh China, Mainland	350 26 6,500	350 26 5,898	350 26 5,900	1.07 .62 1.52	1.07 .62 1.16	1.07 .62 1.19	375 16 9,900	375 16 6,860	378 16 7,000
Cyprus India Iran Irag	75 2,802 1,350 650	75 2,241 1,400 529	75 1,992 1,300 800	.93 1.14 .85 .92	1.05 .79 .86	1.16 .77 1.00	3,192 1,150 600	2,344 1,100 457	2,306 1,000 800
Israel Japan Jordan	26 80 54	27 78 45	20 96 29	2.63 .24	2.64 2.7	3.40 3.52	20 210 13	20 206 12	326 326
Korea, Rep. of Lebanon Nepal	711 9 25 186	516 9 27 174	554 9 27	2.47 1.44 .84	1.58 .89 .96	2.43 1.44 .96	1,759 13 21 122	814 8 26 124	1,348 13 26 128
Pakistan Saudi Arabia Syria Turkey	26 1,172 2,635	11 600 2,620	179 11 750 2,650	1.35 .90 1.86	.71 2.27 .56 1.81	.70 2.27 .80 1.77	35 1,060 4,900	25 337 4.750	21 600 4.700
Total	16,677	14,626	14,768	1.41	1.20	1.27	23,456	17,521	18,730
Oceanis: Australia	2,320	2,804	2,759	1.23	.85	1.43	2.850	2.386	3.953
New Zealand	76	70	72	4.16	3.80	3.92	316	266	283
Total	2,396	2,874	2,831	1.32	.92	1.50	3,166	2,652	4,235
World total	86,351	86,884	84,925	2.06	1.89	2.15	177,987	164,366	182,90

¹Years shown refer to year of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1978 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1978 and end early in 1979.

² Harvested area as far as possible.

³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 64.—Grains and grain products: Total and per capita civilian consumption as food. United States, 1964-78

00000044-3=0=090000500-4=55600799000286583366685000-38=5382

		Million bunkels 888888888888888
	•	
		Million bushelis
lucts	Starch	August and a second a second and a second and a second and a second and a second an
f food prod	Sugar	# * * * * * * * * * * * * * * * * * * *
umption o	Sirup	August 1334
apita cons	Cereal	सूच वर्षायाच्याच्याच्याच्याच्याच्याच्याच्याच्याच
Per c	Meal	Pounds (1999) (1
Total	*pemmed *	Million Multipon 1184 1184 1184 1184 120 220 220 220 220 220 220 220 220 220
Per capita	tion	Pound 17.1 10.0 17.0 17.0 17.0 17.0 17.0 17.0
Total con-	sumed !	Million Cart 14.5 14.5 14.5 14.6 15.6 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5
Per capita con- sump-	of rye flour	#1111111111111111111111111111111111111
Total	eumed i	Million Arabia A Arabia A Arabia Arabia Arabia Arabia Arabia A Arabia Arabia Arabia Arabia Arabia Arabia Arabia Arabia Arabia Arabia Arabia A Arabia A Arabia A Arabia Arabia A Arabia A Arabia A Arabia A Arabia A Arabia A A Arabia A Arabia A A Arabia A Arabia A A A A A A A A A A A A A A A A A A A
spita iption roducts	Cereal	6 2 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3
Per ca consum of food p	Flour 2	Peends 1112 1112 1112 1110 1110 1110 1110 111
Total	1 peume	Million bashels bashels 501 602 600 600 600 600 600 600 600 600 600
Year		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Per capita consumption of food products on sump con- sump con- sump con- sump con- con- sump con- con- sump con- con- con- con- con- con- con- con-	Per capita consumption of food product consumption of food product sumper consumption of food product sumper consumption of food product sumper consumed it foot product sumper consumed it foot product sumper consumed it foot product consumed it foot product sumper consumption of food product capita cap

Excludes quantities used in alcoholic beverages. Encludes quantities used in alcoholic beverages. Sincludes white, whole wheat, and sendinal florium.

Rico consumation for year beginning August previous to the year stated. In the consumerior for the quantity used as homing and grits. Outst used in outnest, prepared breakfast foods, infant foods, and minor food products. Malt for food, breakfast food uses, pearl barley, and flour.

² Malt equivalent of barley food products. 4 Preliminary: Batimase of corn sincp, sugar, and starch are unofficial estimates; industry data were not expected after April 1966.

Economics, Statistics, and Cooperatives Service—Economics. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the luttimal Revenue Service, and other Government agencies.

Table 65.—Sorghum: Area, yield, production, disposition, and value, United States, 1964-78

				Son	orghum for grain ²	ins			S	orghum for silage	oğu	
Year	Area planted for all purposes 1	Area	Yield per harvested acre	Production	Used on farms where produced	Soid Book	Season average price per bushel 3	Value of production	Area	Yield per harvested acre	Production	Forage area harvested
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars 511 988	1,000 acres	Tons 4	1,000 tons*	1,000 acres
969	670,71	13,029	51.6		148,371	524,327	786	659,146	1,196	10.3		2,37
	16,372	12,813	888		133,440	681,552	1.02	729,594	1,089	10.9		2,08
	17,793	13,890	52.6		139,581	591,696	696	800,009	806	10.7		2,50
	17,231	13,437	84.3		157,152	572,767	1.07	771,510	798	11.7		2,60
27	20.547	16,142	53.8		244.515	623,482	101	895.823	1.011	10.9		2,67
72	17,035	13,212	60.7		165,106	636,244	1.37	1,096,062	840	11.8		2,42
73	18,994	15,700	58.8		180,841	742,383	2.14	1,978,268	929	11.4		2,08
74	17,588	15,809	100		152,819	459,892 876 906	260	1 775 093	75.9	0.0		1.56
26	18,402	14.723	689		206.487	513,330	2.03	1.450.085	772	9.3		1,88
	16,993	14,092	56.3		250,345	542,638	1.82	1,433,991	842	10.9		1,63
78.	16,483	13,581	56.1		228.837	519,573	76.7	1.444.654	714	10.9		1,57

Grain and sevet sorghum for all uses, including sirup.

Includes both grain sorghum for grain, and sevet sorghum for grain or seed.

Based on the reported price of grain sorghum. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Green weight.

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board.

Table 66. - Sorghum grain: Stocks on and off farms, United States, 1964-79

Year	- 1	On fi	arms			Off fa	rms ³	
Tear	Jan. 1	Apr. 1	July 11	Oct. 12	Jan. 1	Apr. 1	July 11	Oct 12
	1,000 busheis	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1964	189,625 154,259	110,128 98,010	63,091 61,565	42,347 47,442	833,074 797,589	730,349 669,893	651,776 595,677	606,450 518,090
1966	212,919	133,589	71.353	50,614	765,142	590,556	461,521	340,58
1967	234,170	133,178	81,981	44,414	586,872	393,312	253,553	199,48
1968	212,743	141,921	90,536	58,063	519,341	374,907	277,408	230,94
1969	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,04
1970	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,23
1971	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,14
1972	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,23
1001	217,572 217,090	94,724 113,602	45,338 54,576	13,658	401,830	267,714	153,996	59,00
LORR	121.041	63,193	29,778	18,086 7,849	426,818 257,843	266,742 145,278	123,533	43,14
1000	163,935	83,728	49,622	13,927	309,600	164,221	65,307	27,18
977	160,875	88.362	61,327	21.644	331,631	208,250	135,182 104,090	37,48 69,64
978	220.851	140.863	109,325	56,366	398.245	273,525	210,749	134.47
19794	239,644	142,636	200,020	50,500	401.484	276,344	210,749	104,41

Beginning 1976, estimates are for June 1.
201d crop only.
3 Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.
3 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 67.—Sorghum: Supply and disappearance, United States, 1964-78

		Sup	ply			Dis	appeara	nce		Ending	stocks S	lept. 30
Year					De	omestic u	190					
beginning October	Begin- ing stocks	Pro- duc- tion	Im- ports	Total	Feed	Food, alcohol, and seed	Total	Ex- ports	Total disap- pear- ance	Privately held	Gov- ern- ment ²	Total
	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million
1964	649	490		1,139	412	13	425	148	573	63	503	566
1965	566	673	***	1,239	569	13	582	266	848	161	230	391
1966	391	715		1,106	601	13	614	248	862	51	193	244 286 287
1967	244	755		999	531	13	544	166	710	97	192	286
1968	289	731	***	1,020	614	13	627	106	733	89	198	287
1969	287	730		1,017	638	9	647	126	773	88	156	244
1970	244	683		927	683	10	693	144	837	27	63	90
1972	90 142	868 801	***	958 943	684 652	9	693 658	123	816 870	103	39 5	142
1973	73	923		996	694	6 7 6	701	212	935	61	0	72
1974	61	623		684	431		437	212	649	35	0	91
1975	35	753		788	502	6	508	229	737	51	0	51
1976	51	720		771	428	6	434	246	680	91	0	73 61 32 51 91
1977 3	91	793		884	473	7	480	213	693	182	9	191
1978 3	191	748		939								

Includes total Government loans (original and reseal).
 Uncommitted Government only.
 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 68. - Sorghum: Area, yield, and production, by States, 1976-78

							Sorg	hum for	grain			
State		planted purposes		Are	a harve	sted	Yield	per har	vested	1	Productio	n
	1976	1977	1978 1	1976	1977	1978	1976	1977	19781	1976	1977	19781
	1,000	1,000	1,000	1,000	1.000	1,000	Bush-	Bush-	Bush-	1.000	1.000	1.000
	acres	acres	acres	acres	acres	acres	els	els	els	bushels	bushels	bushels
Ala	65	75	65	31	27	34	33.0	27.0	37.0	1.085	729	1.258
Ariz	100	100	80	91	90	73	73.0	80.0	78.0	6.643	7.200	5,694
Ark	340	285	230	310	252	200	50.0	52.0	60.0	15,500	13,104	12.000
Calif	235	150	210	210	132	185	71.0	73.0	71.0	14,910	9.636	13,135
Colo	505	460	490	259	263	300	28.0	31.0	31.0	7.252	8.153	9,300
3a	85	75	85	45	24	43	43.0	28.0	29.0	1.935	672	1.24
III	85	80	80	67	64	68	59.0	64.0	68.0	3,953	4.096	4.624
Ind	30	23	25	21	15	15	67.0	78.0	65.0	1.407	1,170	975
owa	42	45	36	26	32	24	65.0	74.0	75.0	1.690	2.368	1.800
Kans	4,700	4.850	4.700	3.950	4.050	4.020	43.0	60.0	52.0	169,850	243,000	209,040
Ky	49	50	37	29	32	23	60.0	57.0	62.0	1.740	1,824	1.42
4	45	35	30	28	20	17	35.0	33.0	34.0	980	660	578
Mins	71	60	65	41	24	21	37.0	32.0	38.0	1.517	768	796
Mo	740	1.050	930	660	930	850	60.0	73.0	80.0	39,600	67,890	68,000
Nebr	2,300	2,300	2,000	2,100	2.070	1.830	57.0	71.0	75.0	119,700	146,970	137,250
N.Mex	272	297	336	199	245	267	60.0	48.0	46.0	11.940	11.760	12,282
N.C	125	110	125	90	72	86	51.0	37.0	52.0	4,590	2.664	4.472
Okla	820	765	700	565	565	485	30.0	38.0	36.0	16,950	21,470	17.46
3.C	30	29	29	15	12	15	34.0	16.0	32.0	510	192	48
S.Dak	395	490	460	152	343	340	23.0	49.0	50.0	3,496	16,807	17.000
Tenn	45	40	45	23	20	24	52.0	51.0	51.0	1.196	1.020	1.22
Tex	7,300	5,600	5,700	5.800	4.800	4.650	50.5	48.0	49.0	292,900	230,400	227.850
Va	23	24	25	11	10	11	43.0	43.0	47.0	473	430	517
U.S	18,402	16,993	16,483	14,723	14,092	13,581	48.9	56.3	55.1	719,817	792,983	748,410

Preliminary.

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1976-78

					Silage							
State	Area harvested			Yie	eld per a	icre	P	roductio	n	Forage	area ha	rvested
	1976	1977	19781	1976	1977	19781	1976	1977	1978	1976	1977	19781
	1,000	1.000	1,000				1.000	1.000	1.000	1.000	1.000	1.000
	acres	acres	acres	Tons	Tons	Tons	tons	tons	tons	acres	acres	acres
Ala	18	15	18	11.5	10.5	10.0	207	158	180	11	18	10
Ariz	5	6	5	16.5	17.0	17.0	83	102	85	2	2	1
Ark	13	17	12	9.5	10.5	10.5	124	179	126	10	11	1.
Calif	11	7	12	17.0	17.5	17.0	187	123	204	10	10	1
Colo	21	21	19	11.0	7.0	11.0	231	147	209	165	146	13
Ja	30	18	29	12.0	7.0	12.5	360	126	363	8	11	1
m	10	11	7	11.5	12.5	11.5	115	138	81	7	. 5	1
ind	8	6	7	12.5	12.0	13.0	100	72	91			
owa	13	11	9	11.0	13.0	14.0	143	143	126	2	1	
Kans	290	300	230	8.6	12.5	10.0	2,494	3,750	2,300	340	430	35
Ку	13	11	8	12.5	12.5	12.0	163	138	96	5	. 5	
a	11	9	9	10.0	11.0	10.0	110	99	90		- 5	1
Miss	20	27	35	11.5	12.5	13.0	230	338	455	9	4	1
Mo	30	44	33	9.5	11.0	11.5	285	484	380	35	56	31
Nebr	80	90	70	7.5	11.5	13.0	600	1,035	910	60	70	56
N. Mex	5	8	4	11.0	12.0	13.0	55	96	52	41	37	4
N.C	25	22	24	11.5	8.0	13.5	288	176	324	7	12	1
Okla	41	34	45	8.0	11.0	9.0	328	374	405	139	121	111
S.C	12	11	11	9.0	6.5	9.5	108	72	105	2	3	1
S. Dak	45	56	55	3.0	8.0	7.5	135	448	413	115	74	5
Tenn	12	8	11	11.0	10.0	10.5	132	80	116	8	10	1
Tex	50	100	50	12.0	8.0	10.5	600	800	525	900	600	70
Va	9	10	11	10.0	9.0	11.0	90	90	121	2	2	
U.S	772	842	714	9.3	10.9	10.9	7,168	9,168	7,757	1,883	1,633	1,578

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 70. - Sorghum grain: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms	Sold	Season average	Value	of—
State	Production	where produced	Sold	price per bushel	Production	Sales
	1,000	1,000	1,000		1,000	1,000
	bushels	bushels	bushels	Dollars	dollars	dollars
Ala	1,258	956	302	2.24	2,818	676
Ariz	5,694	683	5,011	2.63	14,975	13,179
Ark	12,000	2,040	9,960	1.76	21,120	17,530
Calif	13,135	1,313	11,822	2.46	32,312	29,082
Colo	9,300	2,325	6,975	1.76	16,368	12,276
Ga	1,247	923	324	1.82	2,270	590
Ш	4,624	2,497	2,127	1.79	8,277	3,807
Ind	975	458	517	1.79	1,745	925
lowa	1,800	1,008	792	1.79	3,222	1,418
Kans	209,040	73,164	135,876	1.88	392,995	255,447
Ку	1,426	827	599	1.82	2,595	1,090
La	578	260	318	2.02	1,168	643
Miss	798	295	503	2.16	1,724	1,086
Mo	68,000	29,240	38,760	1.79	121,720	69,380
Nebr	137,250	34,312	102,938	1.76	241,560	181,171
N.Mex	12,282	2,211	10,071	2.21	27,143	22,25
N.C	4,472	2,057	2,415	1.93	8,631	4,66
Okla	17,460	5,238	12,222	2.02	35,269	24,688
8.C	480	384	96	1.96	941	188
S.Dak	17,000	7,990	9,010	1.51	25,670	13,608
Tenn	1,224	955	269	2.21	2,705	594
Tex	227,850	59,241	168,609	2.10	478,485	354,079
Va	517	460	57	1.82	941	104
U.S	748,410	228,837	519,573	1.94	1,444,654	1,008,478

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 71.—Sorghum grain: Price-support operations, United States, 1964-79

	Suppo	rt price	Put under	r support ³	Acquired by CCC	Owned
Year beginning October	Per cwt. 1	Percentage of parity ²	Quantity	Percentage of production	under support program 4	by CCC Sept. 30
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
964	2.00	82	46.4	16.9	42.0	302
965	2.00	81	59.4	15.8	47.8	184.
966	2.05	80	15.5	3.9	.2	108.
967	2.14	83	36.6	8.6	5.6	107.
968	2.14	80	41.3	10.1	7.8	* 110
969	2.14	76	23.2	5.7	2.0	187
970	2.14 2.21	80 76 73 71 71 66 50	17.1	4.5	3.8	*35
971	2.21	71	86.5	17.6	1.0	*21
972	2.39	71	16.7	3.7		12
973	2.61	66	10.4	2.0		
974	2.34	50	2.2	.6	******	*******
975	2.34	45	4.9	1.2		******
976	2.66	48	11.9	1.7	*******	
977	2.89	48 71	121.7	15.3	13.0	13
978	4.07	66	650.0	*6.3	27.0	40
979	64.11	*******		******		

¹ Includes price-support payments per hundredweight of 23 cents in 1964, 35 cents in 1965, 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; and, for 1977-79, \$3.39 on entire production. For 1974 to 1978, the target level is a price guarantee on allotment production at levels indicated under support price.

¹ Percentage of parity price so fit he beginning of the marketing year.
² Percentage of parity price as of the beginning of the marketing year.
² Represents loans made, purchases, and purchase agreements entered into.
¹ Includes deliveries from original program, the reseal program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.
² Uncommitted CCC inventory.
² Preliminary.

*Preliminary

0138185

78

Agricultural Stabilization and Conservation Service.

Table 72. - Sorghumgrain: United States exports by country of destination, 1976-1977

	Yes	ir ³		Yea	r ⁱ
Country of destination	1976	1977	Country of destination	1976	1977
Western Hemisphere: Canada Mexico Other countries	1,000 bushels 57 26,856 22,362	1,000 bushels 64 18,423 15,407	Asia: India Israel Japan Other countries	1,000 bushels 29,214 93,462 1,601	1,000 bushels 24,956 96,051 5,430
Total Americas	49,275	33,894	Total Asia and Oceania	124,277	126.438
Europe: Belgium and Luxembourg Germany, Fed. Rep. of Netherlands Norway Poland	12,908 6 6,239 7,542 3,647	3,427 10 264 4,988 15,090	Africa: Senegal South Africa Other Countries	676 10 1,029	2,384
Other countries	40,498	25,161	Total Africa	1715	4,217
Total Europe	70,840	48,940	World total	246,107	213.490

¹Year beginning Oct. 1.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 73.—Feed grains: United States exports under specified Government programs, 1964-77

		F	ublic Law 48	0				
	Title	l sales	Title II d	ionations	Title III		Total	
Year ¹	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales 3	Govern- ment-to- govern- ment and World Food Program	Voluntary relief agencies ⁶	Barter for strategic materials 6	Mutual security (AID)?	specified Govern- ment programs	
	1,000 metric tons 521 1,440	1,000 metric tons 340 364	1,000 metric tons 135 160	1,000 metric tons 16 12	1,000 metric tons 23	1,000 metric tons	1,000 metric tons 1,046	
1966	2.941	234	278	41	34	8 5	2,018	
967	1.105	490	95	15		i	1,706	
1968	46	676	51	14		i	788	
969	91	978	125	4			1.196	
970	79	784	301	1			1.168	
971	90	1,123	174				1,387	
972	9	1,275	177	1			1,462	
973		379	452	14		115	960	
975		14	142	2 6		******	158	
81		(35)	56	(1)		148 (610)	210	
1976		480	46	3		1.306	1,834	
1977		412	161	3		1,440	2.013	

¹Year beginning July 1 for 1964 - 75 and Oct. 1 starting in 1976.

²Authorized by Title I, P.L. 480.

³Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title II, P.L. 480. Title II, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title II, P.L. 480.

⁴Authorized by Title II, P.L. 480. as amended by P.L. 89 - 808, effective Jan. 1, 1967.

⁵Authorized by Sc. 303, Title III, P.L. 480, and other legislation. Includes some shipments in exchange for goods and services for U.S. agencies before 1963.

⁵Foreign Assistance Act of 1961, as amended.

⁶Transition quarter July 1, 1976 to Sept. 30, 1976,

Economics, Statistics, and Cooperatives Service - Economics.

Table 74. - Commercial feeds: Disappearance for feed, United States, 1964-77

		•	Dilseed cak	e and mes	al			Animal	protein	
Year beginning October	Soy- bean	Cotton- seed	Linseed	Peanut	Copra	Total	Tankage and meat meal	Fish meal	Dried milk ¹	Total
1,000		1,000 tons 2,680 2,563 1,765 1,462 2,086 1,794 1,693 1,885 2,225 2,096 1,846 1,266 1,266 1,556	1,000 tons 306 284 248 183 197 182 258 264 212 184 95 87 129 87	1,000 tons 99 108 115 133 135 122 173 174 180 130 151 131 203 101	1,000 tons 101 109 90 119 111 83 99 100	1,000 tons 12,422 13,338 13,028 12,650 14,054 15,763 15,690 15,596 14,698 16,264 14,644 17,279 15,944 18,427	1,000 forms 1,932 1,960 2,068 2,059 2,021 2,014 2,039 1,889 1,739 1,854 1,981 2,001 2,200 2,320	1,000 tons 625 627 827 1,083 835 567 609 752 462 350 444 408	1,000 tons 236 275 255 230 280 330 315 150 162 160	1,000 tons 2,865 3,186 3,392 3,091 2,811 2,906 2,971 2,531 2,511 2,577 2,777 2,924
					Mill pr	oducts 3				
Year begin October	ning	Wheat mill- feeds	Gluten feed and meal 4	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp ⁸	Alfalfa meal	Total	Total commer- cial feeds
										_

¹Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.

²Preliminary.

³Other mill products that are not listed include screenings, hominy, and oats feeds, etc., for which no statistics are available.

⁴Adjusted for export data.

⁵Does not include wet sugarbeet pulp.

der 66. ods

Economics, Statistics, and Cooperatives Service — Economics.

Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1964-78

			Quantity for	or feeding 1					
Year beginning	(Dilseed mea	a				High- protein	Quantity per animal	High- protein feed prices
October	Soybean meal	Other oilseed meals 2	Total	Animal protein	Grain protein (3)	Total	animal units	unit	
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 ⁵	1,000 tons 9,236 40,274 10,820 10,753 11,525 13,582 13,467 11,972 13,854 12,552 15,613 14,056 16,277 17,400	1,000 tons 2,568 42,415 1,741 1,487 1,799 1,760 1,920 2,159 1,945 1,696 1,391 1,517 1,735 1,505	1,000 tons 11,804 12,689 12,561 12,240 15,311 15,227 15,093 14,131 15,799 14,250 17,004 15,573 18,012	1,000 tons 3,557 3,557 3,950 4,290 3,868 3,444 3,539 3,616 3,059 3,012 3,058 3,185 3,254 3,412 3,412	1,000 tons 1,181 1,238 1,074 1,006 976 1,095 1,108 1,134 1,202 1,129 1,231 1,102 1,064	1,000 tons 16,542 17,585 17,585 17,536 18,334 19,731 19,861 19,717 18,324 20,013 18,437 21,420 19,929 22,488 23,342	Million units 98.8 100.0 103.4 102.9 104.1 106.2 107.6 107.2 106.5 104.1 96.6 101.3 103.2 104.8 109.0	Pounds 335 350 340 341 352 375 369 368 347 381 425 387 429	Index numbers 1967 = 100 100 100 100 100 117 277 197 197 197 255 225

In terms of 44 percent protein soybean meal equivalent. 2 Includes cottonseed, linseed, and peanut meal. 3 Beginning 1966, adjusted for exports of corn gluten feed and meal. 4 Beginning 1965, includes 30,000 tons previously excluded for industrial uses and for fertilizer. 5 Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 76. - Feed concentrates fed to livestock and poultry, 1964-78

Year		Feed g	grains		Wheat		By-	Total	Grain- con-	Concen- trates fed per grain-
beginning October	Corn	Sorghum	Oats and barley	Total	Wheat	Rye	product. feeds ¹	concen- trates	suming animal units	consum- ing animal unit
	Million	Million	Million	Million	Million	Million	Million	Million		_
964	tons	tons	tons	tons	tons	tons	tons	tons	Millions	Tons
LOOF	82.8 94.1	11.5	17.3 16.8	111.6 126.8	3.2	0.3	30.2	145.3	74.3	1.94
nee	93.2	16.8	17.0	127.0	3.6	.3	31.1 31.2	161.5 162.1	74.4	2.13
1967	98.2	14.9	15.8	128.9	4.3	.3	31.1	164.6	77.1	2.10
1968	100.2	17.2	18.1	135.5	5.2		32.9	173.9	78.4	2.1
1969	106.3	17.9	18.2	142.4	6.7	.3	34.7	184.1	78.5	2.3
970	100.3	19.1	18.9	138.3	7.2	4	34.5	180.1	80.0	2.2
1971	111.4	19.4	18.3	149.1	8.5	.4	34.0	192.1	80.2	2.40
1972	120.7	18.5	16.1	155.3	5.0	.5	33.3	194.1	79.4	2.4
1973	117.7	19.4	15.1	152.2	1.7	.3	34.4	188.6	78.5	2.4
1974	90.3	12.1	13.6	116.0	1.9	2 2	32.5	150.6	69.8	1.9
1975	100.6	14.1	12.8	127.5	1.6	.2	36.7	166.0	74.6	2.0
1976	100.4	12.0	11.5	123.9	7.5	.1	34.3	165.8	75.9	1.9
19772	103.8	13.2	12.6	129.6	5.5	.1 .2 .2	37.4	172.7	77.9	2.01
19783	112.0	14.4	13.0	139.4	4.5	2	38.6	182.7	80.0	2.0

 $^{\rm 1}$ Oilseed meals, animal protein feeds, and mill by products. $^{\rm 2}$ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1964-76

		Dairy ca	ttle			Beef ca	ttle			Sheep ar	nd lambs
Year beginning	Mil	k cows	Oth			ther	All	Cattle			Per
October	Per head	Per 10 pound milk pr duced	s per	e p	er c	per per pead	beef cattle per head	calver per 100 pound produce		Per head	100 pounds produced ³
1964	Pounds 8,665 9,270 9,434 9,876 10,092 10,524 10,600 11,370 11,250 11,543 11,543 11,809	12 12 12 10 10 11 11 11 11	18 4.5 12 4.4 10 4.8 10 4.8 10 4.8 10 4.8 10 4.8 10 4.8 10 4.8 10 4.8 10 5.8 10 5.8 10 5.8 10 5.8 10 6.8 10 6.8	187 6 133 7 143 7 143 7 1558 7 102 8 142 8 157 9 159 9 107 8 174 7 171 8 103 7	mds Po .437 .049 .149 .653 .663 .661 .155 .198 .811 .708 .584 .593 .516	nunds 3,608 3,533 3,542 3,611 3,591 3,596 3,494 3,637 3,718 5,303 5,178 5,304	Pounds 3,949 3,975 4,004 4,143 4,227 4,261 4,230 4,391 4,396 5,595 5,480 5,871	Pound 1.07 1.07 1.06 1.08 1.10 1.10 1.10 1.11 1.17 1.53 1.46 2.18	13 14 14 14 17 17 17 17 17 17 18 19 18 18 18	Pounds 976 947 947 974 974 915 943 1,008 1,031 2,021 1,856 1,260 1,840	Pounds 1,969 1,887 1,922 1,956 1,906 1,713 1,731 1,848 1,993 1,744 2,333 2,386 2,114
Total long li	in acres			Po	ultry						Horses
Year beginning	Hens an	Hens and pullets		Chickens raised		produce	d Tu	rkeys rais	teys raised		and mules 2 years
October	Per head, Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 10 pound pro- duced	ls Per l	nead pou	100 inds ro- iced	pro- duced	and over, per head
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1973 1974 1975	Pounds 92 93 93 94 96 97 96 99 100 101	Pounds 53 52 55 55 56 57 57 57 57 57 57 59 57 58	Pounds 29 31 30 30 30 31 31 31 32 32 26 26 25	Pounds 594 627 619 637 630 646 646 675 672 963 540 540	Pounds 9.8 10.6 10.8 10.4 9.8 9.2 9.4 9.3 9.1 9.7 10.1 7.7 8.7	Pound 28 30 30 29 27 25 25 24 24 25 26 22 23	2 2 5 5 7 8 8 5 7 7 8 8 8 8	nds Poi 102 103 100 99 99 98 96 96 95 94 82 71	unds 566 564 539 522 523 519 510 510 511 509 453 435	Pounds 610 603 602 593 596 587 572 594 640 680 530 566 584	5,136 5,037 5,046 5,118 4,900 4,886 4,886 4,867 3,607 3,597 3,597

¹ Feed consumed by all cattle divided by the number on feed Jan. 1.
² Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.
³ About 19 pounds of wool were produced with each 100 pounds live-weight production.

Economics, Statistics, and Cooperatives Service — Economics.

Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1964-78

Year beginning October	Concentrates 1	Harvested roughage	Pasture	Total	Year beginning October	Concen- trates 1	Harvested roughage	Pasture	Total
1964	Million tons 154 160 151 161 169 182 178 184	Million tons 71 76 76 77 78 74 74	Million tons 154 249 248 242 233 227 238 238	Million tons 379 485 475 480 483 490 496	1972 1973 1974 1975 1976 1977 ² 1978 ³	Million tons 189 192 151 173 179 183 189	Million tons 74 77 85 96 100 89	Million tons 241 244 268 243 228 214 201	Million tons 504 513 504 517 507 486 484

Data prior to 1965 not comparable.
 Preliminary.
 Estimated.

Economics, Statistics, and Cooperatives Service - Economics.

Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1964-781

Year beginning October	Grain- consuming 2	Roughage- consuming 3	Grain and roughage- consuming 4	Year beginning October	Grain- consuming 2	Roughage- consuming 3	Grain and roughage- consuming 4
1964 1965 1966 1967 1968 1969 1970 1971	1,000 units 74,306 74,387 77,196 77,125 78,443 78,458 79,990 80,188	1,000 units 89,815 88,892 88,202 88,122 87,532 87,964 89,875 91,073	1,000 units 83,070 83,352 84,022 83,941 84,071 84,347 86,129 86,935	1972	1,000 units 79,443 78,447 69,766 75,015 76,197 78,346 77,941	1,000 units 93,248 99,462 87,607 98,610 95,313 90,459 89,876	1,000 units 87,982 91,429 87,520 89,098 87,521 85,351 84,848

¹ Index series based on average feeding rates for years 1969-71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by ESCS, USDA.
² Livestock and poultry numbers weighted by all concentrates consumed.
³ Livestock and poultry numbers weighted by all roughage (including pasture) consumed.
⁴ Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.
⁸ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 80. - Feed grains: Average price, selected markets and grades, 1964-77

Crop year 1	Kansas City					St. Louis:			
	Corn, No. 2 Yellow	Corn No. 3 White	Barley, No. 3	Sorghum, No. 2 Yellow	Corn, No. 3 Yellow	Barley, No. 3	Barley, No. 2 Malting	Onts, No. 2 White	Corn, No. 2 Yellow
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1973 1974 1975 1976 1977	Dollars per bushel 1.297 1.305 1.365 1.215 1.239 1.333 1.451 1.237 2.062 2.915 3.200 2.775 2.387 2.382	Dollars per bushel 1.55 1.37 1.49 1.21 1.63 1.75 2.01 1.23 2.30 3.22 4.69 2.92 2.96 3.66	Dollars per bushel 1.062 1.132 1.146 1.077 952 922 1.104 1.072 1.356 (2) (2) (2) (2) (2)	Dollars per cwt. 2.08 1.97 2.09 1.99 2.00 2.10 2.42 2.06 3.81 4.95 5.41 4.46 3.49 3.91	Dollars per bushel 1.20 1.22 1.29 1.08 1.14 1.16 1.34 1.13 1.86 2.75 3.21 2.62 2.13 2.06	Dollars per bushel 1.196 1.316 1.326 1.157 1.082 1.215 1.158 2.806 3.842 2.948 2.247	Dollars per bushel 1.268 1.321 1.348 1.236 1.153 1.085 1.231 1.161 1.500 2.844 4.063 3.296 2.981 2.232	Dollars per bushel 0.660 .664 .725 .702 .641 .632 .709 .675 .845 1.389 1.739 1.677 1.729 1.255	Dollars per bushel 1.34 1.37 1.41 1.16 1.23 1.33 1.45 1.21 1.89 2.87 3.07 2.70 2.25 2.23
Crop year 1	Omaha: Corn, No. 2 Yellow	Chicago			Ft. Worth:		Winnipeg:		
		Corn, No. 3 Yellow	Barley, feed	Onts, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 2 Western ⁴	Sorghum, No. 2 Yellow	Barley, No. 3 Western
1964 1965 1996 1997 1997 1970 1971 1972 1973 1974 1975 1976 1976 1976 1977	Dollars per bushe 1.26 1.29 1.30 1.14 1.20 1.28 1.44 1.22 1.54 3.22 3.69 2.66 2.15 2.08	Dollars per bushe 1.26 1.27 1.36 1.12 1.17 1.25 1.44 1.182 2.86 3.23 2.69 2.45 2.25	Dollars per bushel 1.016 1.143 1.171 1.007 779 833 1.050 963 1.108 1.852 1.980 (2)	Dollars per bushe 0.72 .75 .77 .76 .64 .62 .75 .70 .89 1.38 (2) (2)	Dollars per cwt. 239 227 240 227 231 242 273 251 3.75 5.62 5.62 3.66 3.88	Dollars per bushe 1.646 1.618 1.602 1.501 1.562 1.618 1.792 1.708 2.391 3.430 3.660 3.340 2.860 2.760	Dollars per bushel 1.310 1.344 1.339 1.210 1.320 1.421 1.421 1.488 1.762 2.788 3.129 2.845 2.610 2.350	Dollars per cwt. 258 245 256 256 253 264 299 282 4.16 6.12 5.63 4.68	Dollars per bushel 1.170 1.201 1.351 1.132 1.016 .963 1.199 1.046 1.515 2.615 3.225 3.150 2.660 2.540

¹Crop year begins October for corn and sorghum, August for barley, and July for oats.
²No sales reported.

³Change to Texas High Plains September 1976.

⁴Bult basis.

Economics, Statistics, and Cooperatives Service—Economics. Prices of corn and oats at Kansas City and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and sorghum at Kansas City and of barley at Chicago and Minneapolis are the average of prices at the close of each day. Prices at Los Angeles are the average of prices on one day each week.

Table 81.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1964-77

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat
	44% protein Decatur	49-50% protein Decatur	41% protein Fort Worth	41% protein Mem- phis	34% protein Minne- apolis	20% protein Los Angeles	45% protein S.E. mills	50% protein Chicago	60% protein Chicago	60% protein Los Angeles	Kansas City
Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Hominy feed	Distil- lers' dried grains	Brewers' dried grains	Alfalfa meal			
				21% protein				Dehy- drated, 17% protein	Sun- cured	Feeding	Index numbers Jan Dec. 1967 = 1001
	Minne- apolis	Kansas City	Port- land	Chicago	Chicago	Cincin- nati	Mil- waukee	Kansas City	Kansas City	New Orleans	
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976 1977	Dollars 39.10 41.90 45.30 39.90 42.30 43.90 40.40 68.50 88.30 84.00 86.20 82.40 64.80	Dollars 39.40 42.00 46.00 39.70 40.20 42.50 45.00 41.90 70.40 90.80 85.60 89.00 81.80 70.00	Dollars 44.60 47.70 46.00 41.80 41.60 42.60 49.80 46.90 75.70 107.30 103.00 90.40 84.80	Dollars 43.00 47.40 50.10 44.90 43.70 47.80 49.50 49.50 90.20 88.20 93.80 107.25	Dollars 44.60 44.20 46.00 39.00 41.10 43.20 45.70 39.20 60.90 92.50 90.50 85.40 74.30	Dollars 60.20 59.90 64.50 52.70 55.30 57.90 64.40 61.30 102.00 114.30 117.00 112.40	Dollars 42.10 46.00 50.70 45.90 45.90 51.50 51.10 87.25 99.30 90.75 97.60	Dollars 40.30 49.70 53.40 39.10 42.40 45.30 48.10 77.60 91.40 81.00 101.70 95.40	Dellars 37.60 40.00 43.90 37.20 38.30 40.00 44.80 45.10 63.30 79.40 73.70 91.10 84.30	Dollars 14.92 19.90 29.29 25.60 20.20 24.80 25.10 26.10 48.30 68.70 51.50 44.60	90.3 103.6 103.2 97.3 95.1 103.3 110.5 112.7 246.6 197.7 174.6 193.1

¹Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean, cottonseed, linseed, and peanut meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains, affalfa meal; rice bran and feeding monlasses.

Agricultural Marketing Service.

CHAPTER II

STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, and sugar, this chapter includes tables on fibers other than cotton, and sirups, honey, and beeswax. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Table 82.—Cotton: Area, vield, production, and value, United States, 1964-78

The Late of New L	An	en .	Yield per		Season av- erage price	
Year	Planted	Harvested	harvested acre	Production	per pound received by farmers ¹	Value of pro- duction
	1,000	1,000		1,000		1,000
127	acres	acres	Pounds	bales 2	Cents	dollars
964	14,835.6	14,054.6	517	15,144.9	31.07	2,258,49
965	14,152.3	13,612.7	527	14,937.9	29.37	2,106,08
966	10,349.4	9,552.6	480	9,556.8	21.75	997,46
967	9,449.6	7,997.3	447	7,443.4	26.70	953,82
968	10,912.9	10,159.3	516	10,925.7	23.11	1,212,02
969	11,882.5	11,061.1	434	9,990.2	22.00	1,054,96
970	11,945.2	11,155.0	438	10,192.1	21.98	1,121,62
971	12,354.9	11,470.9	438	10,477.0	28.23	1,419,62
972	14,001.3	12,983.8	507	13,704.1	27.3	1,798,96
973	12,479.7	11,970.2	520	12,974.0	44.6	2,779,50
1974	13,679.4	12,546.6	442	11,540.1	42.9	2,374,00
1975	9,492.6	8,796.0	453	*8,301.6	51.3	2,043,6
1976	11,655.5	10,913.5	465	10,580.6	64.1	3,254,98
1977	13,694.5	13,275.3	520	14,389.2	52.3	3,614,93
19783	13,360.1	12,370.0	421	10,855.8	458.8	3,063,82

¹Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.
²480-pound net weight bales.
³Preliminary.
⁴Average price to Apr. 1, 1979, with no allowance for unredeemed loans.

0.7 3.6 3.2 7.3 5.1 0.9 2.7 6.6 7.7 4.6 3.1 18.1

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 83.—Cotton: Area, yield, and production, by States, 1976-78

State	A	rea plant	ed	Ar	ea harvee	rted	Yield	per har	vested	F	roduction	3
Suite	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	19781
Upland: Ala Ariz Ark Calif Fla Ga Ky La Miss Mo Nev N. Mex N.C Okla S.C Tenn Tex	1,000 acres 460.0 341.0 1,125.0 1,130.0 75.0 1,530.0 305.0 1,1 68.0 75.0 350.0 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	1,000 acres 420.0 517.0 950.0 1,400.0 6.2 230.0 9 545.0 1,380.0 270.0 131.0 87.0 535.0 170.0 325.0 6,650.0	1,000 acres 330.0 540.0 810.0 1,480.0 3.8 120.0 210.0 1,180.0 13 137.0 45.0 605.0 105.0 6,950.0	1,000 acres 420.0 340.0 950.0 1,120.0 1.3 560.0 1,470.0 260.0 1.1 64.0 71.0 335.0 4,500.0	1,000 acres 395.0 515.0 930.0 1,390.0 6.1 170.0 8 540.0 1,360.0 258.0 133 128.0 83.0 520.0 153.0 300.0 6,450.0	1,000 acres 315.0 538.0 760.0 1,455.0 .0 510.0 1,150.0 182.0 182.0 585.0 98.0 230.0 6,200.0	399 1,178 392 1,064 514 398 474 376 305 738 523 489 251 438 295 353	Pounds 337 997 534 964 425 232 420 583 581 437 598 603 305 402 342 407 407	443 953 417 640 506 463 0 450 456 575 496 542 443 515 282 562 494	1,000 bales 349.0 834.0 7.6 199.0 1,151.0 165.0 1.7 70.0 175.0 145.0 228.0 3,307.0	1,000 balse 277.0 1,070.0 1,035.0 2,790.0 5.4 82.0 1,645.0 1,645.0 1,645.0 1,645.0 1,645.0 1,645.0 1,645.0	1,000 bales 291.0 1,068.0 660.0 1,940.0 478.0 1,378.0 1,378.0 1,550.0
Va	.7	1.0	.2	.6	.7	.1	480	194	480	.6	.3	.1
U.S	11,610.0	13,619.4	13,282.6	10,869.1	13,200.9	12,294.0	464	519	420	10,516.6	14,277.0	10,762.4
American- Pima:												
Ariz Calif N. Mex Tex	30.3 .1 6.5 8.6	42.4 .3 9.4 23.0	34.3 .1 14.1 29.0	30.0 .1 6.3 8.0	42.3 .3 9.3 22.5	34.2 .1 13.7 28.0	804 640 476 444	738 269 621 747	754 480 454 456	50.3 .1 6.2 7.4	65.0 .2 12.0 35.0	53.7 .1 13.0 26.6
U.S	45.5	75.1	77.5	44.4	74.4	76.0	692	724	590	64.0	112.2	93.4
U.S., all	11,655.5	13,694.5	13,360.1	10,913.5	13,275.3	12,370.0	465	520	421	10,580.6	14,389.2	10,855.8

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States 1971-78

State				Crop	of—			
State	1971	1972	1973	1974	1975	1976	1977	1978
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Ala	48	33	83	11	4		9	1
Ariz	19	29	75	40	23	77	45	3 3 6
Ark	19 73 28 6 26 69 75	29 74 25 6 47 72 63	75 90	30 55	23 17 34	86	18 29	3
Calif	28	25	80 64 84 87	55	34	65	29	6
Ga	6	6	64	4	- 1	33	1	(1)
La	26	47	84	21	2	72	6	
Miss	69	72	87	37	17	70	30	4
Mo	75	63	89	21 37 36 13	17 12	84	23	4
N. Mex	8	2	69	13	(1)	68	17	i
N.C	4	8	66	8	4	42	16	2
Okla	7	7	35	(1)	(1)	23	18	9
S.C	20 20 39	30	69 66 35 75		16	42	33	2 4 4 1 2 2 3 1
Tenn	20	44	84	17 17	1	65	2	1
Tex	39	30 44 13	84 69	7	i	70 777 86 65 33 72 70 84 42 23 42 23 42 26 55	30 23 17 16 18 33 2 18	1
U.S	43	36	75	21	10	50	20	2

¹ Less than 0.5 percent.

Preliminary.
 Equivalent 480-pound net weight bales ginned.

Agricultural Marketing Service.

Table 85.—Cotton: Production, season average price per pound, and value, by States, 1976-78

State	1	Production 1		Price	e for crop o	ſ	Valu	ue of produc	ction
State	1976	1977	19782	19763	19773	19784	19763	19773	1978 ²
	1,000	1 000	1,000				1,000	1,000	1.000
Upland:	bales	bales	bales	Cents	Cents	Cente	dollars	dollars	dollars
Ala	349.0	277.0	291.0	66.0	48.4	60.5	110,563	64,353	84,506
Ariz	834.0	1,070.0	1,068.0	64.2	56.1	58.0	257,005	288,130	297,331
Ark	776.0	1,035.0	660.0	61.6	52.7	60.5	229,448	261,814	191,664
Calif	2,482.0	2,790.0	1,940.0	67.9	56.0	63.3	808,933	749,952	589,450
Fla	7.6	5.4	3.8	72.9	48.0	60.0	2,659	1.244	1,094
Ga	199.0	82.0	111.0	66.7	51.8	61.0	63,712	20,388	32,501
Ку	.7	.7	0	63.5	49.0		213	165	(
La	553.0	656.0	478.0	63.7	51.5	60.2	169,085	162,163	138,122
Miss	1,151.0	1,645.0	1,378.0	61.5	52.5	60.2	339,775	414,540	398,187
Mo	165.0	235.0	188.0	59.2	53.4	60.6	46.886	60,235	54,680
Nev	1.7	1.6	1.5	70.0	57.0	60.0	571	438	433
N. Mex	70.0	161.0	101.0	70.0	54.0	61.0	23,520	41.731	29,573
N.C	72.0	53.0	45.0	74.0	50.5	65.4	25,574	12.847	14,126
Okla	175.0	436.0	355.0	61.1	46.6	53.9	51,324	97,524	91.846
S.C	145.0	109.0	115.0	66.4	54.1	63.3	46,214	28,305	34,943
Tenn	228.0	255.0	235.0	63.5	49.0	61.8	69,494	59,976	69,710
Tex	3,307.0	5.465.0	3,792.0	61.6	49.7	54.6	977,814	1,303,730	993,807
Va	.6	.3	.1	72.0	43.0	64.0	207	62	31
U.S	10,516.6	14,277.0	10,762.4	63.8	52.1	58.5	3,222,997	3,567,597	3,022,000
American-Pima:									
Ariz	50.3	65.0	53.7	102.0	88.6	. 92.0	24.627	27.643	23,714
Calif	.1	.2	.1	102.0	88.6	92.0	49	85	4
N. Mex	6.2	12.0	13.0	105.0	85.0	88.0	3,125	4.896	5,491
Tex	7.4	35.0	26.6	117.0	87.6	98.4	4,156	14,717	12,56
U.S	64.0	112.2	93.4	104.0	87.9	93.3	31,957	47,341	41,813
U.S., all	10,580.6	14,389.2	10,855.8	64.1	52.3	58.8	3,254,954	3.614.938	3,063,821

¹Equivalent 480-pound net weight bales ginned. ²Prelin ⁴Average price to Apr. 1, 1979, with no allowance for unredee ² Preliminary. unredeemed loans. ³Includes allowance for unredeemed loans.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

0 0

7106 4 8

25

Table 86.—Cotton, American upland: Price-support operations, United States, 1964-78

	Support	price 1 2	Put under	r support 4	Acquired by	
Year beginning August	Per pound	Percentage of parity 3	Quantity	Percentage of production	CCC under support ⁵	Owned by CCC July 31
	Cents	Percent	1,000 bales*	Percent	1,000 bales*	1,000 bales*
1964	32.80	80 71 73 74	7,288	48.5	4,824	6,55 9,71 6,67
965	32.60	71	6,926	46.7	5,306	9,71
966	29.63	73	3,094	32.6	1,415	6,67
1967	31.00	74	1,483	20.1	32	55 2 1,89 26
968	31.93		4,415	40.7	2,775	2
1969	34.44		3,670	37.2	1,066	1,86
1970	36.95		2,386	23.7	10	26
1971	35.00		1,210	11.9	(1)	
1972	35.85	65	1,910	14.5	(7)	
1973	41.52	65	1,736	13.9	(7)	
1974	*38.00		2,420	21.5	(7)	
1975	*38.00		691	8.5	00000	
1976	*43.20		941	9.2	(7)	
1977	*47.80		4,600	33.1	1	(7)
1978	*52.00		*1.600	15.3	*0	

¹Average of the crop from 1964 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 and succeeding years. ²Includes price-support payments as follows: To producers within domestic allotment, 3.50 cents per pound in 1964 and 4.35 cents in 1965; to program participants on projected production from farm's domestic allotment, 9.42 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970, and, on production from area planted within the farm base area allotment, 15 cents in 1969, and 1973. ²Percentage of parity price as of the beginning of the marketing year. ⁴Includes loans made. ⁵Acquisitions from crop harvested in the year indicated and not acquisitions during that year. ⁴Running bales. *Lees must 500 bales. °Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments have been made since the 1973 crop. *Estimated.

Agricultural Stabilization and Conservation Service.

Table 87.—Cotton: Area, yield, and production in specified countries, 1976-781

Continued and asset		Area	ort I	Y	ield per a	cre		Productio	n
Continent and country	1976	1977	19782	1976	1977	19782	1976	1977	19782
North America: United States El Salvador Guatemala Honduras Mexico Nicaragus	1,000 acres 10,914 210 263 25 608 492	1,000 acres 13,274 250 306 44 961 430	1,000 acres 12,367 259 311 32 875 430	Pounds 465 741 1,113 557 793 535	Pounds 520 701 1,018 567 806 642	Pounds 421 621 1,080 645 828 642	1,000 bales ³ 10,581 324 610 29 1,005 548	1,000 bales ³ 14,389 365 649 52 1,617	1,000 bales ³ 10,84 33 70 4 1,510
Total 4	12,584	15,365	14,357	501	553	470	13,122	17,701	14,04
South America: Argentina Brazil Colombia Ecuador Paraguay Peru Venezueln	1,280 4,917 803 57 544 353 115	1,527 4,979 979 49 749 272 146	1,656 4,571 406 49 988 319 198	276 247 409 396 304 445 371	332 210 315 470 250 612 302	246 248 427 470 248 527 373	735 2,526 684 47 344 327 89	1,056 2,182 642 48 390 347 92	85 2,36 36 4 51 35 15
Total 4	8,168	8,779	8,278	284	264	274	4,826	4,836	4,72
Europe: Greece Italy Spain Bulgaria Yugoslavin	368 5 125 64 12	452 10 163 37 10	381 10 124 37 10	707 384 680 353 360	731 384 462 519 240	799 384 577 519 240	542 4 177 47 9	688 8 157 40 5	63-
Total 4	669	766	655	595	595	649	829	950	88
Soviet Union	7,290	7,364	7,507	791	828	793	12,010	12,710	12,40
Africa: Angola Cameroon Central African Empire Chad Zaire Kenya Malawi Morocco Mozambique Nigeria Southern Rhodesia South Africa Sudan Tanzania Uganda Egypt	150 148 314 791 341 185 100 30 335 871 220 1,075 925 1,000	148 198 346 741 282 185 99 44 358 778 222 198 1,198 927 939 1,478	148 185 346 667 247 185 99 30 371 704 185 210 902 741 865 1,233	160 272 109 150 77 65 168 320 112 204 382 499 313 166 48 672	162 158 71 133 71 121 295 122 378 579 311 122 38 595	162 156 69 130 72 65 121 288 123 376 533 319 168 39 724	50 84 71 248 55 25 35 20 175 159 700 320 100 1,820	50 65 51 205 42 35 25 27 92 166 175 239 775 235 75 1,831	56 69 55 186 33 22 22 21 11 90 200 144 233 60 77 1,860
Total 4	9,343	9,678	8,646	264	242	262	5,135	4,881	4,71
Asia and Oceania: Afghanistan Australia Burma China, Mainland India Iran Iraq Israel Israel Sorea, Rep. of Pakistan Yemen (Aden) Syria Thailand Turkey	200 83 398 11,500 17,050 730 160 105 17 4,608 40 450 175 1,435	198 101 405 10,900 18,409 791 161 138 12 4,554 40 462 163 1,922	198 124 445 10,900 19,274 692 161 173 12 4,695 37 418 178 1,614	672 740 58 417 139 473 210 1,125 282 200 300 766 340 731	606 965 71 405 146 502 209 1,023 360 268 300 708 312 659	606 844 70 423 152 479 209 1,027 360 225 298 781 337 676	280 128 48 10,000 4,950 720 70 246 10 1,921 25 718 124 2,185	250 203 60 9,200 5,600 827 70 294 9 2,539 25 681 106 2,640	255 211 64 9,600 6,100 690 77 370 2,200 21 686 122 2,273
Total 4	37,106	38,412	39,071	278	282	- 280	21,502	22,586	22,757
World total 4	75,160 45,227 19,019	80,364 48,627 18,463	78,514 47,542 18,604	368 262 559	380 269 573	364 268 571	57,424 24,711 22,132	63,664 27,248 22,027	59,519 26,563 22,118

See footnotes on page 65.

Table 88.—Cotton: Supply and distribution, United States, 1964-78

		- 1	Supply				1	distributio	n	
Year beginning August	Begin of se	ning seon	Gin- nings	Im-	Total	Consu	mption	Ex-	Carryover, end of season	
	Foreign	Total	in season 1	porta ³	supply	Foreign Total		ports ³	Foreign	Total
	1,000 bales*	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1964	72	bales4 12,378	bales*	bales*	bales*	bales*	bales*	hales4	bales*	bales4
965	67	14.291	15,246 14,860	104	27,713 29,255	91	9,171 9,497	4,060	67	14,291
1966	62	16.862	9,859	76	26,797	87	9,485	2,942	62 58	16,863 12,533
967	58	12,533	7,215	145	19.893	95	9,460	4,669 4,206 2,731	46	6,44
968	46	6,448	11.030	66	17,544	98 78	8,982 8,242	2 731	46 31 27 15 24	6.50
1969	31	6.521	9,903	49	16,473	41	7,991	2,768	97	6,52 5,76
1970	27	5,760	10,269	49 36 72	16,065	31	8,068	3,740	15	4.25
1971	15	4,252	10,187	72	14.511	37	8,039	3.229	24	4,25 3,23
1972	24	3.234	13,240	30	16.504	36	7,470	3,229 5,000	13	3.92
1973	13	3,929	12,773	48	16,750	33	7.172	5,746	11	3,74
1974	11	3,743	11,224	48 34	15,000	21	5,629 6,986	5,746 3,746	17	5,48
1975	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,59
1976	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,92 5,32
1977	13	2,920	14,076	5	17,002	12	6,217	5,219	6	5,32
1978*	6	5,326								

¹Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rehaled imples and pickings from cotton damaged by fire and weather. ²Total imports minus re-exports. ³Total ports minus re-imports. ⁴Domestic in running bales, and foreign in equivalent bales of 500 pounds. ⁷Total pounds. ⁸Total pounds. ⁸Total

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

Table 89. - Cotton: Mill consumption, by growths, United States, 1964-77

Year		Domestic				Foreign			All
beginning August	Upland 1	American Pima	Total	Egyptian	Peruvian	Indian	Other	Total	growths
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976	Bales ² 9,000,053 9,337,728 9,297,954 8,923,073 8,066,550 7,837,622 7,958,398 7,904,112 7,453,068 7,047,207 5,534,413 6,867,407 6,394,441 6,151,101	Bales ² 81,336 67,687 64,077 52,571 73,392 86,154 78,765 68,706 78,831 69,894 48,519 74,137 48,395 54,004	Bales ² 9,081,389 9,405,415 9,362,031 8,975,644 8,139,942 7,923,776 8,037,163 7,972,820 7,531,899 7,117,101 5,582,932 6,941,544 6,442,836 6,205,105	Bales ² 48,933 47,319 44,626 55,692 38,699 13,988 15,401 11,611 12,905 8,857 12,317 18,194 8,192	Bales ² 22,037 (3) (3) (3) (3) (3) (4) (5) (6) (6) (6) (7) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9)	Bales ² (1) 18,201 16,304 19,281 22,218 15,765 11,608 12,430 18,026 16,534 7,808 9,966 6,593 110	Bales ² 18,506 25,863 25,872 20,509 13,748 11,113 3,596 6,049 6,699 3,347 4,192 702 10,101 3,396	Bales ² 89,476 91,383 86,802 95,482 74,665 40,866 30,605 36,895 36,336 32,786 20,857 22,965 34,888 11,698	Bales ² 9,170,86 9,496,79 9,448,83 9,071,12 8,214,60 7,964,64 8,067,76 8,009,71 7,568,23 7,149,88 5,603,78 6,964,52 6,216,80

¹Includes sea island cotton. ²Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. ³Not reported separately; shown under "Other."

Agricultural Marketing Service. Compiled from reports of the U.S. Department of Commerce.

POOTNOTES FOR TABLE 87

Harvest season beginning Aug. 1.
 Preliminary.
 480-pound net weight.
 Includes estimates for minor-producing countries not shown above and allowance for countries where data are not yet available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1964-78

		Wh	nite 1		Li	ght Spotte	d²		4	
Year beginning August	Strict Middling and higher	Middling	Strict Low Middling	Low Middling and lower	Strict Middling and higher	Middling	Strict Low Middling and lower	All spotted	Other colored 3	All grades
Carryover: 1984 1985 1986 1986 1987 1988 1999 1970 1971 1972 1973 1974 1975 1976 1977	1,000 bales 9 989 868 445 244 128 122 105 87 33 31 28 25 27 74	1,000 bales ⁵ 2,747 2,787 1,963 1,412 876 1,237 1,127 867 525 297 529 527 525 336 716	1,000 bales ⁵ 2,080 3,001 2,418 1,934 1,290 2,192 1,977 1,461 1,131 1,287 2,166 1,176 999 1,806	1,000 bales 5 788 1,162 1,214 595 486 843 738 500 545 921 656 1,090 761 563 955	1,000 balles s 827 802 766 464 146 36 66 76 18 15 13 4 3	1,000 bales s 2,093 2,249 3,772 2,685 1,107 652 576 592 121 115 500 312 176 162 584	1,000 bales 5 1,561 1,563 3,828 2,637 990 767 815 434 464 611 490 997 551 416 856	1,000 balses s 842 1,182 1,857 1,902 374 144 129 351 468 134 208 227 281	1,000 bales s 183 294 302 300 221 124 87 37 37 90 281 45 73 68 80 73	1,000 bairs; 5 12,110 14,018 16,565 12,270 6,246 6,347 5,635 4,183 3,150 3,863 3,853 3,687 5,414 3,513 2,867 5,258
Ginnings: 1964 1965 1966 1967 1968 1967 1968 1970 1971 1972 1973 1974 1975 1976 1977 1978*	566 319 126 91 117 54 47 34 25 60 23 40 25 137 33	3,124 2,791 1,569 1,378 1,763 1,416 1,448 1,291 1,078 2,252 1,370 1,470 1,470 1,402 2,943 1,322	4,880 4,931 2,797 2,580 4,315 3,905 3,510 3,499 4,469 5,048 4,632 2,845 4,168 4,972 4,163	2,109 2,050 920 680 1,500 1,422 1,881 1,738 3,384 2,112 2,517 1,279 1,301 1,812 1,729	98 73 33 33 25 6 5 5 3 3 4 6 22 3	1,471 1,694 1,060 973 1,012 498 912 418 481 1958 290 435 587 1,390 519	1,885 2,282 1,911 1,080 1,626 1,908 1,833 2,422 2,621 1,797 2,045 1,568 1,664 2,235 2,368	531 356 826 389 329 371 314 550 699 213 255 374 917 311 225	368 351 249 166 151 280 105 176 416 88 105 83 214 87 97	15,032 14,847 9,491 7,370 10,838 9,860 10,085 10,133 13,176 12,533 11,240 8,096 10,284 13,909 10,459
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1976 1978	1,555 1,187 571 335 246 176 152 121 80 93 54 68 50 164 107	5.871 5.577 3.532 2.790 2.639 2.654 2.574 2.158 1.602 2.550 1.899 1.997 1.927 3.279 2.038	6,960 7,933 5,216 4,515 5,606 6,098 5,489 4,961 5,452 6,176 5,919 5,010 5,344 5,971 5,969	2,897 3,212 2,134 1,276 1,986 2,265 2,619 2,238 3,929 3,034 3,173 2,369 2,062 2,375 2,684	925 875 799 496 170 41 71 81 21 11 18 17 10 25 23	3,564 3,943 4,832 3,658 2,119 1,150 1,488 1,010 601 1,073 790 747 763 1,552 1,103	3,446 3,956 5,738 3,717 2,616 2,674 2,648 2,857 3,085 2,408 2,535 2,565 2,215 2,651 3,224	1,373 1,538 2,683 2,387 1,331 745 458 679 1,050 681 389 582 1,144 592 399	551 645 551 467 372 404 192 212 505 370 150 156 282 167 170	27,142 28,866 26,056 19,641 17,085 16,207 15,691 14,317 16,396 14,927 13,511 13,797 16,776 15,717
Diappearance.* 1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	124 71 65 66	3,084 3,613 2,120 1,915 1,402 1,527 1,707 1,634 1,305 2,021 1,372 1,471 1,591 2,563	3,959 5,514 3,282 3,222 3,413 4,121 4,027 3,978 4,322 4,889 3,753 3,834 4,345 4,165	1,735 1,998 1,538 790 1,143 1,527 2,119 1,693 3,007 2,378 2,063 1,608 1,499 1,420	123 109 336 351 135 24 5 63 15 4 5	1,315 172 2,147 2,550 1,467 574 896 890 486 573 478 572 601 968	1,773 128 3,101 2,727 1,849 1,859 2,214 2,392 2,474 1,918 1,538 2,014 1,799 1,795	191 319 684 1,386 957 600 329 328 582 547 181 355 863 418	257 343 251 246 248 317 155 123 224 325 77 88 202 94	13,124 12,300 13,786 13,394 10,738 10,672 11,507 11,167 12,462 12,706 9,513 9,996 10,930 11,518

 [&]quot;Plus" grades of White included with straight grades.
 "Light Spotted included with Spotted prior to 1958.
 Includes all grades of Tinged, Stained, Light Gray, Gray, and Below Grade.
 "U.S. Department of Commerce.
 "Running bales.
 "Preliminary.
 "Carryover at the beginning of the season, plus ginning.
 "Supply minus carryover at the end of the season.
 "Negative disappearance reflected in total.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1964-78

Year beginning August	inch and shorter 1	7/8 and 29/32 inch	15/16 and 31/32 inch	1 and 1 1/20 inches	1 ¹ /16 and 1 ³ /30 inches	1 1/s and 1 5/32 inches	1 ⁵ / ₁₈ and 1 ⁷ / ₃₂ inches	1 1/4 inches and longer	All staple lengths 2
Carryover: 1964 1965 1966 1966 1967 1968 1970 1971 1972 1973 1974 1975 1976 1977 1977	1,000 bailes 3 13 25 25 8 9 0 2 2 0 1 1 0 0 0	1,000 bales ³ 1,400 1,341 2,074 1,179 490 73 58 44 189 116 113 70 87 20 33	1,000 bales ³ 2,273 2,973 3,834 3,733 1,691 748 269 244 509 716 821 1572 415 285 646	1,000 bales ³ 4,253 4,576 5,790 4,243 1,641 1,281 1,001 496 422 811 832 789 570 639 1,458	1,000 bales ³ 4,017 4,829 4,483 2,744 2,002 3,317 3,742 2,966 1,703 1,966 1,634 3,335 2,068 1,650 2,752	1,000 bales ³ 142 258 343 323 372 898 530 410 307 237 275 639 357 257 357	1,000 bakes ³ 9 14 12 35 32 26 29 18 12 15 9 6 12 9 8	1,000 bales ³ 3 2 4 5 9 4 4 6 7 7 1 3 3 3 7	1,000 bales ³ 12,110 14,018 16,565 12,270 6,246 6,347 5,635 4,183 3,150 3,863 3,687 5,414 3,513 2,867 5,258
Ginnings: 1964	49 8 2 1 7 2 7 0 2 1 4 1 0	1,196 1,042 735 382 126 549 386 388 168 273 356 86 69	2,194 2,947 1,814 1,321 1,509 1,128 1,634 1,440 1,990 2,743 1,108 1,314 1,551 2,301 1,284	4,338 3,555 1,642 1,109 1,707 1,590 1,541 843 2,464 1,945 1,126 905 1,950 3,058 2,441	6,820 6,859 4,888 3,807 5,676 5,894 5,773 5,855 7,556 6,811 7,510 4,496 5,477 6,960 5,641	430 418 346 672 1,771 678 707 1,568 993 758 1,403 1,021 1,214 1,515 1,002	4 7 38 51 38 13 7 21 5 1 8	1 10 20 26 10 1 5 1 0 0 2 2 1 2 3	15,034 14,849 9,491 7,370 10,838 9,860 10,055 10,133 13,176 12,533 11,240 8,098 10,284 13,909 10,459
Supply* 1964 1964 1966 1966 1966 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 4	63 33 33 10 9 8 3 8 1 4 4 1 4 2 0	2,596 2,383 2,808 1,561 615 622 444 442 357 389 195 427 173 89	4,467 5,920 5,647 5,055 3,200 1,875 1,903 1,684 2,499 3,459 1,929 1,867 1,966 2,586 1,930	8,591 8,132 7,433 5,353 3,348 2,871 2,542 1,339 2,887 2,756 1,958 1,694 2,520 3,697 3,899	10,837 11,688 9,372 6,550 7,680 9,211 9,515 8,822 9,257 8,776 9,144 7,828 7,545 8,610 8,393	572 676 689 995 2,143 1,576 1,238 1,978 1,300 995 1,678 1,660 1,571 1,772 1,359	13 20 51 86 70 39 37 38 17 16 17 7 15	4 12 23 31 20 5 9 6 7 1 1 5 4 4 5	27,142 28,866 26,056 19,641 17,085 16,207 15,691 14,317 16,325 16,396 14,927 13,511 13,797 16,776
Disappearance: 6 1964 7 1964 7 1965 1966 1966 1967 1968 1970 1971 1972 1973 7 1975 7 1976 7	37 10 24 1 9 6 3 7 7 0 4 1 1 3	1,255 310 1,629 1,071 564 400 253 241 276 125 340 153 56	1,494 2,087 1,914 3,364 2,452 1,607 1,659 1,175 1,783 2,638 1,357 1,472 1,681 1,940	4,015 2,340 3,189 3,712 2,067 1,870 2,047 916 2,075 1,924 1,169 1,124 1,881 2,239	6,008 7,203 6,629 4,547 4,363 5,468 6,547 7,118 7,291 7,142 5,809 5,758 5,858	314 333 367 623 1,245 1,046 828 1,672 1,063 720 1,039 1,304 1,314 1,415	-1 8 16 54 44 10 19 26 3 7 1 -4 6	2 9 188 222 16 1 4 0 6 -2 2 2 1 -2 6	13,124 12,300 13,786 13,394 10,572 11,507 11,167 12,462 12,709 9,513 9,998 10,930 11,518

Includes "no staple" and "perished staple."

3 U.S. Department of Commerce.

3 Running bales.

4 Preliminary.

5 Carryover at the season, plus ginnings.

5 Supply minus carryover at the end of the season.

7 Negative disappearance reflected in total.

Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1964-78

			Grade	101			Staple	length (i	inches)		All
Year beginning August	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 5/15 and shorter	1 3/0	1 7/16	1 1/2	1 º/is and longer	grades and all lengths (1)
Carryover. 1984 1985 1986 1986 1987 1988 1989 1970 1971 1972 1973 1974 1976 1977 1978 1977 1978	1,000 bales ² 25.9 30.8 10.6 4 27.0 17.6 9.1 6.1 2.2 4.6 3.6 1.3 1.6 3.4	1,000 bales ² 144.1 146.4 132.2 136.3 101.1 102.6 55.0 32.0 42.9 25.3 31.8 35.2 19.5 41.2	1,000 bales ² 17.1 21.5 81.4 27.8 21.7 18.8 27.5 12.3 12.0 18.2 5.3 9.9 8.8 4.0 14.3	1,000 bales ² 6.0 4.8 9.5 4.3 4.4 2.8 5.2 3.0 2.9 4.0 3.1 3.0 2.1 1.0 3.0	1,000 bales ² 2.66 1.6 1.8 .3 1.4 7 .7 .9 .2 .5 .4 1.1 .8 .3 .4 .6	1,000 bales ² 15.5 7.2 20.9 8.0 3.3 5.8 4.5 1.4 3.3 3.0 3.1 3.6 6.4	1,000 bales ² 151.4 179.7 162.4 151.8 77.4 109.1 80.2 43.3 46.3 40.9 38.0 41.7 26.1 31.8	1,000 haisu ³ 24.0 16.3 45.6 13.3 45.8 19.1 8.8 8.0 10.6 7.8 8.7 4.8 5.0 12.4 29.0	1,000 bales ³ 4.8 1.4 6.6 31.8 28.8 8.5 4.1 .8 .3 .1 .1 .1	1,000 bales 3 (3) 0.5 (3) 1.1 1.1	1,000 bales ² 196. 205. 205. 205. 165. 142. 97. 53. 60. 52. 44. 50. 32. 40. 62.
Ginning: 1984 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	25.0 11.3 11.9 8.2 5.4 4.4 2.6 .9 2 2.2 (3) 1.8 1.2	77.5 56.9 46.9 46.7 57.7 45.6 43.0 71.5 63.0 57.7 43.5 51.4 86.0 47.1	7.6 13.4 9.7 8.9 10.4 21.5 8.4 16.1 44.4 6.0 27.2 5.8 9.0 19.8 36.6	4.3 2.6 2.1 2.7 2.6 3.8 2.4 4.1 5.5 5.4 3.3 2.1 1.1 2.4 5.0	2.1 1.1 .6 1.8 2.1 1.5 .7 3.3 2.3 1.5 .5 .5 .5 .5	12.7 7.9 7.0 5.5 4.9 4.3 4.0 8.1 6.0 7.2 3.5 2.9 1.3 1.9	101.0 74.5 61.3 50.0 56.4 60.6 40.0 69.8 84.5 67.5 74.5 44.5 38.1 51.0 19.9	2.8 2.9 12.8 16.9 11.9 13.1 18.0 3.4 10.7 6.3 23.6 55.9 68.8	(3)		116. 85. 71. 68. 76. 57. 95. 93. 78. 88. 53. 63. 108.

I U.S. Department of Commerce. Totals include small quantities of sealand and sea island cotton. ²Running bales. ³Less than 50 bales. ⁴Preliminary.

Table 93.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1973-78

State		Average	staple leng	th (32ds of	an inch)1	
State	1973	1974	1975	1976	1977	19782
Na	33.6	34.2	33.7	33.8	33.6	34.
Aris	34.6	34.7	34.7	34.7	34.5	34.
irk	34.3	34.9	34.7	34.2	34.8	34.
Calif	35.3	35.3	35.4	35.3	35.3	35.
18	34.0	34.1	34.0			
in	34.1	34.0	34.0	34.6	34.0	34.
4	34.2	34.6	34.7	34.1	34.7	34.
(im	34.4	34.7	34.7	34.1	34.8	34.
do	34.1	35.1	34.6	34.3	34.4	34.
Mex	34.8	35.9	35.2	35.3	35.5	35.
i.C	34.8	35.4	34.6	35.3	34.9	35.
Okla	31.7	31.9	31.9	31.2	32.5	32. 36. 33.
C	34.8	35.0	34.6	35.1	35.3	36.
enn	33.8	34.4	34.1	33.6	33.6	33.
ex	31.3	32.1	31.0	31.8	31.9	32.
All other	35.3	35.1	35.0	34.5	34.6	34.
U.S	33.3	34.2	33.6	33.7	33.6	33.

¹Average calculated on numerical equivalents of the staple-length designations. For example, $^{7}/_{\circ}$ inch = 28, $^{29}/_{32}$ inch = 29, etc. 3 Preliminary.

Table 94. - Cotton: International trade, 1972-771

Country	1972	1973	1974	1975	1976	19772
	1,000	1,000	1,000	1,000	1,000	1,000
Principal exporting countries:	bales ³	bales ³	bales ³	bales ³	bales 3	bales ³
Mexico	940	767	891	536	542	897
Nicaragua	416	506	606	520	529	567
United States	5.311	6.123	3.926	3.311	4.784	5,484
Brazil	1.333	661	269	356	54	190
Peru	156	237	158	171	138	87
Greece	266	225	109	170	74	100
Soviet Union	3,200	3.370	3.560	3,890	4.300	4.350
Iran	603	445	502	642	327	335
Pakistan	822	196	1.060	418	65	474
Syria	557	563	385	467	675	510
Turkey	1,489	1.000	583	2.163	580	1.217
Egypt	1,387	1.199	878	775	606	573
Sudan	1.090	729	568	1.097	607	650
Tanzania	298	287	240	181	265	135
Uganda	299	299	116	103		
Zaire	31	10	116		62	45
Laire	31	10	7	0	0	- (
Total	18,198	16,617	13,858	14,800	13,608	15,316
Principal importing countries:						
Canada	327	320	225	254	215	239
Austria	109	101	89	102	101	106
Belgium	325	179	207	171	147	142
France	1,175	1.063	995	1,111	956	979
Germany, Fed. Rep. of	1.194	908	1.060	1.040	887	967
Italy	906	931	774	886	875	860
Netherlands	231	199	168	155	140	110
Poland	708	628	723	695	718	730
Portugal	642	560	400	489	459	540
Spain	387	273	331	424	396	222
0 1		38	48			
	42			32	22	27
Switzerland	228	192	170	215	200	247
United Kingdom	764	560	477	582	461	504
Hong Kong	717	832	787	1,321	994	1,000
India	428	156	60	167	760	290
Japan	3,883	3,728	3,228	3,220	3,037	3,150
Total	12.066	10.668	9.742	10.864	10.368	10,117

¹Crop year beginning Aug. 1. ²Preliminary. ³480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 95. - Cotton: United States exports, by country of destination, 1975-77

	Year b	eginning	August		Year b	eginning	August
Country of destination	1975	1976	1977	Country of destination	1975	1976	1977
Austria Belgium and Luxembourg Denmark Finland France Germany, Fed. Rep. of Italy Norway Poland Portugal Spain Sweden Switzerland United Kingdom Yugoslavia Other Europe	1,000 bales ¹ 1 12 0 4 23 11 54 3 6 6 34 5 11 30 11 30 9	1,000 bales ¹ (2) 16 1 1 14 47 37 88 12 3 9 67 90 17 80 69 0 64	1,000 bales 1 9 11 9 84 68 81 21 2 36 71 67 22 110 60 75	Australia Canada Chile Colombia Cuba Ethiopia Hong Kong India Indonesia Israel Japan Korea, Rep. of Pakiutan Philippines South Africa China, Taiwan Thailand Uruguay	1,000 bales ¹ 1 135 (³) (³) 0 0 132 0 244 1 1 672 939 2 111 6 522 74	1,000 bales 1 194 11 0 0 0 379 287 200 (1) 1,020 959 2 92 8 451 174	1,000 ballos 1 (3) (50) (2) 234 (3) (1,078 (2) 1,078 (3) 104 (51) 177
Total Europe	242	614	722	Other countries	230	392	696
				Total	3,311	4,784	5,48

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96. - Cotton and cotton linters: United States imports for consumption, by country of origin, 1975-77

Country of solute	Year beginning August		August	Country of order	Year beginning August			
Country of origin	1975	1976	1977	Country of origin	1975	1976	1977	
Cotton, raw: Egypt India Mexico Pakistan Peru Other countries	Bales 1 4,598 14,815 19,472 498 6,164 46,361	Bales 1 3,062 595 18,505 161 10,144 5,469	Bales ¹ 2,160 0 417 190 1,666 996	Cotton linters: El Salvador Guatemala Mexico Nicaragua Soviet Union Other countries	Bales 1 1,819 6,178 16,580 2,468 1 926	Bales ¹ 343 7,120 31,763 5,273 0 31,426	Bales 1 2,076 38,852 2,090 13,940	
Total	91,908	37,936	5,429	Total	27,972	75,925	56,958	

^{1 480} pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

POOTNOTES FOR TABLE 98

¹ Averages for the designated spot markets.
² Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

¹⁴⁸⁰ pounds net. 2 Less than 500 bales

¹ Averages for the designated spot markets.
² Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1964-78

Year beginning			M	cronaire grou	pe		
August	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
964	0.8	1.9	4.9	4.5	76.8	7.9	3.
965	1.7	4.0	6.4	4.3	73.6	7.5	2
966	2.2 2.4	4.5	6.6	4.2	66.7	10.9	4
967	2.4	6.1 3.3	9.8	6.5	69.6	4.6	1 1 3
968	1.1	3.3	6.2	4.4	76.5	7.0	1
969	.8	1.5	3.0	2.5 2.8 3.7	76.9	11.5	3
970	.3	1.1 5.6	2.9	2.8	83.7	7.5	1
771	2.4	5.6	6.5	3.7	76.6	4.1 5.6	1
972	1.5	3.8	6.3	3.9	77.9	5.6	1
973	.4	1.1	2.5	2.4	83.5	8.4	1
774	2.6 3.3	3.7	5.4	4.0	76.5	6.1	1
75	3.3	1.1 3.7 7.9 2.8	9.5	5.3	68.7	4.3	1
776	1.3	2.8	5.0	4.5	77.2	7.0	
777	.1	.6	1.9	2.2	80.2	11.4	1
9781	.2	1.4	4.6	4.7	76.8	9.5	1

¹ Preliminary. Agricultural Marketing Service.

Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1 1/16-inch staple, 1964-77 1

Year		W	iite		1	Light Spotte	d	Spotted		
beginning August	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling	
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	
1964	32.40	30.66	28.58	26.29	30.54	28.59	26.58	27.69	26.22	
1965	31.46	29.50	27.32	25.01	29.26	27.31	25.31	26.54	24.99	
1966	24.73	22.82	20.31	17.64	22.35	20.31	17.93	19.12	17.59	
1967	30.60	28.75	25.65	21.51	28.33	25.52	21.77	22.83	20.75	
1968	26.93	24.52	21.65	18.12	24.34	21.80	18.56	20.15	18.10	
1969	25.10	23.12	20.67	18.03	23.03	20.94	18.62	19.67	18.35	
1970	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33	
19712	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.26	
1972	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01	
1973	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37	
1974	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48	
1975	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71	
1976	72.28	70.88	68.23	63.11	70.94	68.41	63.96	65.04	62.12	
1977	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03	

See footnotes on page 70.

Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, $1964-77^{\circ}$

Year beginning August	7/8 inch	29/32 inch	15/16 inch	31/32 inch	1 inch	1 1/32 inches	1 1/16 inches	1 3/32 inches
004	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
964	27.16 25.95	27.61 26.41	28.03 26.81	28.52 27.29	29.15 27.94	30.00	30.66 29.50	31.08
0.00	17.89	18.32	18.75	19.24	20.25	21.46	22.82	23.3
	17.91	18.38	19.10	20.48	22.97	26.57	28.75	29.4
	17.47	18.00	18.78	19.66	20.73	22.81	24.52	25.0
0.00	18.13	18.60	20.29	19.86	20.75	21.65	23.12	23.4
000	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.6
DPT 4 0	29.21	29.61	29.98	30.29	30.79	31.97	32.96	33.1
0.00	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.7
	48.50	49.69	51.27	53.96	57.17	64.59	67.10	67.3
0.00 4			35.52	36.91	38.05	40.02		
000	33.22	34.17					41.69	41.8
	50.14	50.87	52.09	53.14	54.29	56.44	57.99	58.1
976	62.54	63.36	64.55	65.34	66.67	69.34	70.88	71.0
977	46.20	46.85	47.90	48.41	49.37	51.27	52.74	52.9

See footnotes on page 70.

Table 100.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1964-771

Season beginning	Mi	ddling 1-in	ch	Season beginning	Middling 1-inch ²			
August	Average	High	Low	August	Average	High	Low	
1964 1965 1966 1966 1967 1968 1969	Cents 30.73 29.60 22.08 24.83 22.90 22.15 23.55	Cents 31.71 30.27 22.65 27.13 25.11 23.01 25.45	Cents 30.27 29.41 21.82 22.64 21.87 21.39 22.54	1971 3 1972 1973 1973 1974 1975 1976	Cents 31.52 33.14 67.10 41.69 57.99 70.88 52.74	Cents 35.78 49.92 84.48 53.42 86.84 79.36 59.28	Cents 26.56 24.74 51.66 34.93 46.74 55.21 47.03	

Averages for the designated spot markets.
 Base quality changed to "Strict Low Middling 1 1/18 inches" in 1973.
 Net weight basis beginning 1971; prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1972-771

Market	Middling 1 inch		Strict Low	Middling 1 1	/18 inches ²	
Market	1972	1973	1974	1975	1976	1977
Greenville Augusta Atlanta Montgomery Little Rock Memphis Greenwood	Cents 33.38 35.02 35.04 35.30 33.75 32.45	Cents 68.06 68.63 68.63 68.44	Cents 42.80 43.63 42.45 41.86	Cents 59.19 60.22 58.93 58.48	Cents 71.85 72.70 71.54 71.28	Cents 53.33 53.81 53.24 52.75
Greenwood Dallas Houston Lubbock Phoenix Fresno	33.37 31.31 31.38 32.40 32.33 32.19	68.06 63.75 64.57 61.87 66.26 71.54	42.20 40.31 41.70 38.90 40.52 42.53	58.54 55.84 57.65 55.06 57.20 58.72	71.21 69.43 70.94 67.79 70.12 71.93	52.75 50.53 51.58 50.04 52.71 56.67
Average	33.14	67.10	41.69	57.99	70.88	52.74

Year beginning August. Average of monthly averages.
 Base quality changed to "Strict Low Middling 1 1/16 inches" in 1973.

Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1972-771

Kind of cotton and State	1972	1973	1974	1975	1976	1977
Upland:	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala	17.02	19.10	23.80	23.47	25.94	27.03
Ariz	21.72	23.47	26.55	29.35	30.42	33.26
Ark	19.72	22.74	31.23	30.39	31.96	30.70
Calif	23.06	23.50	28.64	29.00	32.19	35.13
Ga	17.33	20.12	23.81	24.40	27.66	27.74
La	19.10	21.86	28.53	29.08	28.98	30.35
Miss	18.01	21.03	28.10	27.81	29.48	29.79
Mo	24.29	26.65	33.81	32.32	37.73	37.53
N. Mex	20.08	25.64	32.15	35.06	36.49	39.50
N.C	19.90	24.45	28.10	30.02	31.94	32.74
Okla	19.16	22.79	28.77	32.50	27.81	32.78
8.C	20.12	24.23	30.18	30.64	29.79	31.85
Tenn	18.81	27.71	29.50	28.86	31.20	27.40
Tex	23.26	25.60	33.20	39.92	37.29	38.37
All upland cotton	21.01	23.74	29.38	32.13	32.87	34.73
American Pima	31.90	32.73	37.20	41.16	38.18	42.23

¹ Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.

Agricultural Marketing Service and Economics, Statistics, and Cooperative Service.

Table 103. - Cotton linters: Supply, distribution, season average price, United States, 1964 - 78

		Sup	ply		Distrii	bution	Price per pound 1			
Year beginning	0						Felting linters			
August	Stocks Aug. 1	Production	Îmports	Total	Con- sumption	Exports	High grade	Medium grade	Chemical grade	
964 965 966 967 969 969 970 971 972 973 974 975	1,000 bales ² 601 671 641 637 365 432 342 413 363 290 295 487	1,000 bales ² 1,652 1,580 1,129 883 1,307 1,176 1,147 1,145 1,341 1,332 1,270 847	1,000 balles ² 153 193 200 129 131 142 67 49 30 32 23 25 70	1,000 bales ² 2,406 2,444 1,969 1,650 1,802 1,750 1,556 1,607 1,734 1,654 1,588 3,360	1,000 bales ² 1,386 1,453 1,157 1,090 1,125 1,128 920 1,017 1,111 964 888 838	1,000 bales ² 301 283 179 176 171 184 171 152 259 374 217 182	Cents 7.96 7.77 9.39 9.28 8.34 6.68 7.32 8.11 7.17 11.39 9.34	Cents 5.98 5.89 7.89 7.26 5.88 4.55 5.01 4.49 9.04 6.27 6.56	Cents 2.53 3.13 5.69 4.33 4.34 2.77 2.77 2.33 2.91 9.55 8.85 4.21	
976 977 978 ³	445 279 282	983 1,174	70 50	1,498 1,503	999 970	210 239	10.26 9.85	7.36 7.12	3.75-7.2 5.25-7.2	

¹ Uncompressed in carload lots, f.o.b. mill points.
² Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.
³ Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce.

Table 104.—Cotton: Supply and distribution, by countries, 1977-78

Country	Begin- ning stocks Aug. 11	Produc- tion	Imports	Total supply	Con- sump- tion 3	Exports	Ending stocks July 31	Total distri- bution
	1.000	1,000	1,000	1,000	1,000	1.000	1.000	1.000
Exporting countries:	bales ³	bales ³	bales ³	bales ³	bales3	bales3	bales3	bales ³
Mexico	163	1,617	1	1,781	749	597	435	1,781
Nicaragua	74	575		649	16	567	66	649
El Salvador	115	365	5	485	60	263	162	485
Guatemala	19	649		668	55	603	10	688
Argentina	4,03	1,056	9	1,468	462	314	692	1,468
Brazil	1,553	2,182		3,735	2,182	192	1,361	3,735
Colombia	67	642	5	714	400	243	71	714
Paraguay	161	390		551	35	292	224	551
Peru	457	347		804	177	87	540	804
Other Western Hemisphere	50	130	12	192	30	117	45	192
Angola	58	50		108	15	50	43	108
Chad	38	205		243	10	195	38	243
Central African Empire	28	51		79	10	41	28	79
Cameroon	12	65		77	30	35	12	77
Malawi	8	25		33	12	13	8	33
Southern Rhodesia	100	175		275	50	125	100	275
Sudan	667	775		1,442	110	650	682	1,442
Uganda	67	75		142	25	45	72	142
Eqypt	873	1,831	112	2,816	1,346	573	897	2,816
Nigeria	283	166	2	451	208	70	173	451
Tanzania	40	235		275	75	135	65	275
Mozambique	70	92		162	25	67	70	162
Other Africa	119	675	38	832	271	444	117	831
Afghanistan	139	250		389	60	170	159	389
Iran	77	827		904	395	335	174	904
Israel	35	294	2	331	98	159	74	331
Pakistan	307	2,539	1	2,847	1,997	474	376	2,847
Syria	142	681		823	170	510	143	821
Turkey	321	2,640		2,961	1,286	1,217	458	2,961
Other Asia	46	145	50	241	136	55	50	241
Greece	240	688	123	1,051	597	100	354	1,061
Total "free world countries"								
above	6,732	20,437	360	27,529	11,092	8,738	7,699	27,528
United States 4	2,928	*14,389	*5	17,322	6,491	5,484	5,347	17,32
Soviet Union	2,040	12,710	400	15,150	8,950	4,350	1,850	15,150
Total exporting countries	11,700	47,536	765	60,001	26,533	18,572	14,896	60,001

See footnotes at end of table.

Table 104. - Cotton: Supply and distribution, by countries, 1977-78-Continued

Country	Begin- ning stocks Aug. 11	Produc- tion	Imports	Total supply	Con- sump- tion 2	Exports	Ending stocks July 31	Total distri- bution
	1.000	1.000	1.000	1,000	1.000	1.000	1,000	1,000
mporting countries:	bales ³	bales3	bales ³	bales ³	bales3	bales ³	bales ³	bales ³
Canada	27		239	266 124	235		31	266
Chile Other Western Hemisphere	71	190	70	331	110 269	11	14	124
Austria	18	190	105	123	99	11	24	123
Belgium	42		142	184	142		42	184
Finland	22		50	72	55		17	72
France	191		979	1.170	754	124	292	1,170
Germany, Fed. Rep. of	252		967	1.219	776	69	374	1.219
Italy	267	8	860	1.135	781		354	1,135
Netherlands	26		110	136	115		21	136
Portugal	127		545	672	492		180	672
Spain	316	157	222	695	506	10	179	695
Sweden	31	1	27	58	28		30	58
Switzerland	104		247	351	215	3	133	351
United Kingdom	203		504	707	441	51	215	707
Yugoslavia	17	5	629	651	514		137	651
Other Europe	25		41	66	47		. 19	66
Australia	79	203	17	299	105	48	146	296
Hong Kong	376	******	1,000	1,376	896	65	415	1,376
India	802	5,600	290	6,692	5,490	10	1,192	6,692
Japan	818		3,150	3,968	3,100	32	836	3,968
Korea, Rep. of	191	9	1,312	1,512	1,156		356	1,512
Philippines	18	3	119	140	119	*****		140
China, Taiwan	382 356	175	1.052	1,434	1,010		424 362	1,434
Other Asia	41	100	1,219	1,750	1,326	62	41	1,750
South Africa	89	239	47	375	229	20	126	375
Other Africa	94	122	175	391	270	23	98	391
Total "free world countries				Len				
above"	5,002	6,811	14,225	26,038	19,375	533	6,130	26,038
Communist importing countries	4,633	9,317	5,020	18,970	15,358	100	3,512	18,970
Total importing countries	9,635	16,128	19,245	45,008	34,733	633	9,642	45,006
World total	21,335	63,664	20,010	105,009	61,266	19,205	24,538	105,006
Foreign Free World (all countries)	11,734	27,248	14,585	53,567	30,467	9,271	13,829	53,567

<sup>Estimates for Southern Hemisphere countries include unginned cotton.
Includes cotton destroyed or unaccounted for.
Bales of 480 pounds net t500 pounds grossi.
Running bales except imports, which are in bales of 480 pounds net.
Includes pre-season ginnings.</sup>

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 105.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1977 and 1978

Commodity imported and country of origin	1977	19781	Commodity imported and country of origin	1977	19781
Raw silk: ² Brazil China: Mainland Taiwan Germany, Fed. Rep. of	268	1,000 pounds 182 466 6	Abaca or manila: Ecuador Philippines Other countries	Tons 12,342 14,320 0	Tons 8,219 13,866
Other countries	. 7	17	Total	26,662	22,085
Total	. 381	671	Sisal and henequen: Brazil	9,111	7,935
Waste and advanced waste: ³ Japan Italy China, Mainland Korea, Rep. of United Kingdom Other countries	0 0	918 1 141 119 0 120	Haiti Kenya Mexico Mozambique Philippines Tanzania Other countries	25 1,277 139 185 300 951 50	90 1,304 372 0 0 702 239
Total	. 1,240	1,299	Total	12,038	10,642
Flax unmanufactured: 4 Belgium and Luxembourg	Tons 57	Tons 454	lstle or tampico, unmanufactured: Mexico Other countries	236 0	4,027
Total	. 57	454	Total	236	4,027
Hemp, unmanufactured: Philippines		149	Coir, unmanufactured: India Mexico	1,396 202	172 243
Total	. 38	149	Philippines	6.931	9,323
Broomcorn: Mexico Other countries	10,983	10,502	Other countries	8,586	9,748
Total	10,985	10,517	Other vegetable fiber:		
Jute and jute butts, unmanufactured: Bangladesh India Thailand Other countries	7,094 1,755 3,490	4,530 3,775 6,805 1,889	India Madagascar South Africa Thailand Turkey Other countries	0 66 0 3,995 401 0	26 66 0 14 0
Total	12,859	16,999	Total	4,462	107
Kapok: Indonesia Thailand Other Asia	5,761	6,198 41			
Total	5.794	6,280			

Preliminary.
Includes wild or tussah, and raw silk in skeins.
Silk waste, noils, and cocoons.
Includes all classes, weight added without conversion to an equivalent fiber basis.
STSUSA Number 3045691.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 106.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1964-78

	Si	ilk		Vegetable fibers, unmanufactured										
Year	Raw ¹	Waste ²	Plax34	Hemp ³⁴	Jute and jute butts	Abaca or manila ³	Sisal and hene- quen ³	Istle or tam- pico ³	Kapok ³	Other fibers 3 5				
	1,000	1,000	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric				
	pounds	pounds	tons	tons	tons	tons	tons	tons	tons	tons				
54	4,002	2,157	2,228	41	74,139	26,719	83,871	889	13,212	12,58				
85	3,639	2,665	2,577	65	42,143	35,292	88,250	1,280	13,399	10,15				
56	3,510	1,113	4,567	89	51,875	33,940	80,198	346	13,191	13,13				
57	2,506	294	3,758	60	43,785	27,898	68,085	503	14,538	14,21				
88	2,194	1,789	3,734	110	50,566	22,016	75,173	591	18,060	17,68				
	1,906	1,408	1,563	70	34,294	21,732	54,811	406	9,955	16,56				
	919	927	1,581	0	29,625	21,492	59,577	629	11,703	16,58				
	290 553 562	1,408 1,586	1,306 1,145	46 35 18	17,435 13,393	16,433 21,338	61,853 49,993	180 153	12,332	16,45				
	560	2,780	1,092	30				103	11,214	20,21				
74	423	2,165	988	10	31,352 28,311	20,856 37,094	32,382 10,278	164	13,784	23,55 25,90				
75	561	407	1,921	18	21,260	18,566	8,841	304	10,281 6,333	25,90				
76	725	1,928	243	10	20,953	22,239	14,465	364 729 96	7,499	25,35 23,97				
77	381	1,240	57	38	12.859	26,662	12.038	236	5,794	27,63				
784	671	1,299	454	149	16,999	22,085	10,642	4.027	6,280	23.54				

Includes wild or tussah, and raw silk in skeins.

Silk waste, noils, and cocoons.

Beginning 1964, not entirely comparable with preceding years because of change in schedule classification.

Includes weights of all classes added without conversion to an equivalent fiber hasis.

Includes broomcorn, crin vegetal, coir, crude straw, flax straw, ramie, sunn, and other vegetable fibers.

Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 107.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1964-781

	A	rea	Yield per				Sugar pr	oduction
Year	Planted	Harvested	harvested acre	Production	Price ²	Value of production	Raw value	Refined basis 3
1964 1965 1966 1967 1968	1,000 acres 1,460.0 1,314.4 1,240.1 1,197.2 1,476.1 1,647.1	1,000 acres 1,395.2 1,248.5 1,161.1 1,122.1 1,410.1 1,540.5	Tons 16.8 16.8 17.5 17.1 18.0 18.0	1,000 tons 23,389 20,918 20,342 19,197 25,363 27,736	Dollars 11.80 11.90 12.80 13.50 13.80 12.70	1,000 dollars 275,661 249,875 260,356 260,115 350,207 352,968	1,000 tons 3,288 2,894 2,828 2,636 3,483 3,330	1,000 tons 3,07: 2,700 2,64 2,46 3,25 3,11:
1970 1971 1972 1973 1973 1974 1975 1976	1,478.4 1,406.3 1,419.7 1,280.1 1,251.5 1,595.0 1,525.4 1,272.6	1,340.5 1,413.3 1,341.9 1,328.7 1,217.5 1,212.6 1,516.6 1,478.8 1,216.2	18.0 18.7 20.2 21.4 20.1 18.2 19.6 19.9 20.6	26,378 26,378 27,096 28,410 24,499 22,123 29,704 29,386 25,007	12.70 14.80 15.40 16.00 29.60 46.80 27.60 21.00 24.20	391,567 416,279 455,830 725,661 1,035,567 820,743 616,813 604,399	3,430 3,401 3,552 3,624 3,200 2,916 4,019 3,895 3,108 3,262	3,17 3,32 3,38 2,99 2,72 3,75 3,64 2,90 3,04

¹Relates to year of harvest; includes some acreage planted previous fall.
²Prices do not include Government payments under the Sugar Act.

*Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.

* Preliminary.

* Not available.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 108. - Sugarbeets: Area, yield, and production, by States, 1976-78

State	A	rea plant	ted	Ar	Area harvested			id per i	har- re	Production		
	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1.000	1.000	1.000	1.000	1,000	1,000				1.000	1,000	1.000
	acres	acres	acres	acres	acres	acres	Tons	Tons	Tons	tons	tons	tons
Ariz?	17.8	12.9	15.7	17.0	12.8	15.0	23.0	22.3	20.5	391	285	308
Calif.2	318.0	227.0	207.0	312.0	217.0	195.0	28.6	26.1	24.5	8,912	5,664	4,778
Colo	124.0	77.0	89.0	121.0	72.0	84.0	19.0	19.5	18.3	2,303	1,404	1.538
Idaho	145.6	115.4	136.3	139.4	107.4	134.1	20.7	19.5	20.3	2,879	2,094	2,722
Kans	39.0	26.0	28.0	38.0	24.0	26.0	19.7	16.7	17.0	749	401	442
Maine ³	10.0			5.5			10.2			56		
Mich	93.6	92.3	93.0	91.4	85.5	91.0	16.8	21.0	19.3	1,540	1,796	1,756
Minn	256.0	264.0	265.0	248.0	260.0	263.0	12.2	18.2	18.9	3,026	4,732	4,971
Mont	46.4	46.4	45.4	46.1	45.0	44.7	21.0	19.9	19.8	968	896	888
Nebr	86.0	75.0	79.0	84.5	67.7	76.0	20.0	20.0	18.0	1,690	1,354	1,368
N.Mex	1.1	1.3	2.1	.9	1.2	1.8	22.2	19.2	20.6	20	23	37
N.Dak	153.2	157.8	156.2	149.8	155.2	155.2	13.5	17.8	19.7	2,022	2,769	3,054
Ohio	38.4	24.9	24.5	36.5	22.5	23.3	16.9	20.3	16.9	617	457	394
Oreg	14.9	8.9	9.2	14.5	8.2	8.9	25.1	25.1	24.0	364	206	214
Tex	26.8	19.9	28.0	23.3	17.9	23.5	21.6	17.3	17.6	503	309	414
Utah	18.4	10.4	14.9	18.0	9.8	14.7	17.6	17.7	17.0	317	173	250
Wash	79.1	63.9	69.2	76.5	61.6	68.5	24.4	24.3	26.5	1,862	1,495	1,815
Wyo	57.1	49.5	49.5	56.4	48.4	48.8	20.7	19.6	18.9	1,167	949	921
U.S	1,525.4	1,272.6	1,312.0	1,478.8	1,216.2	1,273.5	19.9	20.6	20.3	29,386	25,007	25,868

¹ Preliminary. ² Relates to year of harvest. ³ None planted in 1977 or 1978.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 109. - Sugarbeets: Production and value, by States, crop of 1977 (preliminary)

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
Ariz.¹	1,000 tons 285 5,664 1,404 2,094 401 1,796 4,732 896	Dollars 24.40 26.40 26.30 25.50 21.90 20.10 20.60 29.10	149,530 36,925 53,397 8,782	N. Dak Ohio Oreg Tex Utah Wash	1,000 tons 2,769 457 206 309 173 1,495 949	Dollars 21.40 20.20 23.00 23.40 26.70 26.50 28.80	1,000 dollars 59,257 9,231 4,738 7,231 4,615 39,618 27,331
Nebr N. Mex	1,354 23	27.00 25.00	36,558 575	U.S	25,007	24.20	604,396

Relates to year of harvest; includes some acreage planted previous fall.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 110.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1964-78

Year	Area har- vested	Yield per acre	Production	Average price per pound received by farmers	Value of production
					1,000
964	Acres 5.021	Pounds 2.661	Cwr. 133.614	Cents	dollars
	3,296	2,833		17.78	2,37
	4.741		93,363	18.13	1,69 2,54
	3,503	2,932 2,438	139,020	18.34	2,04
	3,100		85,412	18.38	1,57
	3,100	2,244	69,553	18.68	1,29
	5,550 5,907	2,048	141,427	18.47	2,61
	0,907	2,575	152,076	18.59	2,82
	4,016	2,620	105,224	19.34	2,00
972	3,318	2,446	81,166	19.07	2,82 2,03 1,54 1,70 1,06 3,88 6,84
	1,983	2,968	84,059	20.28	1,70
		2,556	50,680	21.67	1,00
976	4,625	2,437	112,729	34.46	3,80
	6,748	2,630	177,494	38.55	6,8
977	4,915 3,153	2,726	71.443	38.26 37.12	5,12

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 111. - Sugarbeet seed: Area, yield, and production, by States, 1976-781

State	Ar	ea harveste	d	Y	ield per acr	re	Production			
State	1976	1977	1978	1976	1977	1978	1976	1977	1978	
Ariz	Acres 1,248 0 0 4,933 351 216	Acres 281 54 224 4,136 220 0	Acres 284 0 0 2,692 177 0	Pounds 3,112 0 0 2,576 2,762 872	Pounds 4,059 2,331 1,453 2,733 2,291 0	Pounds 3,515 0 0 2,139 2,190 0	Cwt. 38,836 0 0 127,079 9,696 1,883	Cwt. 11,406 1,259 3,255 113,025 5,040 0	Cwt. 9,963 57,583 3,877	
All States	6,748	4,915	3,153	2,630	2,726	2,266	177,494	133,985	271,443	

¹Commercial seed production from fall plantings overwintered in the field.
² All seed monogerm and hybrid.

Science and Education Administration. Compiled from reports furnished by beet sugar companies and their subsidiaries and by others engaged in sugarbeet seed production.

Table 112.—Sugarbeets: Area, yield, and production in specified countries, 1976-78

	A	rea harves	ted	Yie	ld per hect	are	F	roduction	1
Continent and country	1976	1977	19781	1976	1977	19781	1976	1977	19781
North America: Canada	1,000 hectares 32 598	1,000 hectares 26 501	1,000 hectares 25 516	Metric tons 41.0 43.3	Metric tons 33.8 43.8	Metric tons 27.4 45.2	1,000 metric tons 1,313 25,907	1,000 metric tons 880 21,965	1,000 metric tons 686 23,326
Total	630	527	541	43.2	43.3	44.4	27,220	22,845	24,012
South America: Chile Uruguay	55 14	21 20	17 22	36.4 35.7	95.0 31.4	94.9 31.4	2,000 500	1,994 627	1,614 690
Total	69	41	39	36.2	63.9	59.1	2,500	2,621	2,304
Europe: Belgium and Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy Netherlands United Kingdom	95 80 578 449 34 305 135 219	92 85 548 434 36 238 129 215	110 81 523 412 35 252 130 209	48.4 35.0 35.1 41.9 43.3 49.6 44.4 27.4	48.1 41.5 44.7 44.9 41.2 46.8 46.5 35.0	46.0 40.0 43.8 44.7 40.9 46.8 46.2 39.0	4,599 2,800 20,300 18,817 1,473 15,139 6,000 6,000	4,421 3,530 24,500 19,500 1,483 11,150 6,000 7,525	5,060 3,240 22,920 18,400 1,431 11,800 6,000 8,150
Total EC	1,895	1,777	1,752	39.6	44.0	43.9	75,128	78,109	77,001
Austria	57 27 250 53 11	57 27 253 54 12	44 31 231 52 13	61.4 25.9 34.0 39.2 45.4	63.2 29.6 31.6 40.9 50.0	65.9 27.7 31.6 41.6 48.4	3,500 700 8,500 2,077 500	3,600 800 8,000 2,212 600	2,900 860 7,304 2,161 625
Total Western Europe	2,293	2,180	2,123	39.4	42.8	42.8	90,405	93,321	90,855
Bulgaria Czechoslovakia German Dem. Rep. Hungary Poland Romania Yugoslavia	69 202 273 101 555 202 103	71 220 283 125 550 225 121	73 219 263 122 528 250 126	43.5 29.7 23.8 34.7 29.6 24.8 45.7	43.7 36.8 24.7 32.0 29.1 22.2 43.8	22.6 32.9 29.3 34.4 29.6 23.2 40.9	3,000 6,000 6,500 3,500 16,436 5,000 4,707	3,100 8,100 7,000 4,000 16,000 5,000 5,300	1,650 7,200 7,700 4,200 15,658 5,800 5,150
Total Eastern Europe	1,505	1,595	1.581	30.0	30.4	30.0	45,143	48,500	47,358
Total Europe	3,798	3,775	3,704	35.7	37.6	37.3	135,548	141,821	138,210
Soviet Union	3,738	3,760	3,730	21.4	22.6	22.5	80,000	85,000	84,000
Asia: Japan Turkey	49 243	49 248	58 277	44.9 29.2	45.4 35.5	46.8 35.5	2,200 7,100	2,223 8,800	2,714 9,825
Total	292	297	335	31.8	37.1	37.4	9,300	11,023	12,54
Grand total	8,527	8,400	8,349	29.9	31.3	31.3	254,568	263,310	261,060

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

¹ Preliminary. ² Quantity processed.

Table 113.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1964-781

	A	rea harveste	d	Yield	of cane pe	r acre		Production	
Year ²	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
1964	1,000 acres 655.9	1,000 acres 27.7	1,000 acres 683.6	Tons 37.1	Tons 26.6	Tons	1,000 tons 24,317	1,000 tons 736	1,000 tons 25,06
1965	583.3	33.7	617.0	39.1	26.1	38.4	22,785	878	23,66
1966	590.2	35.0	625.2	40.0	26.4	39.2	23,590	925	24,51
1967	596.2	31.4	627.6	43.1	30.3	42.5	25,699	952	26,65
1968	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,82
1969	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,61
1970	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,99
1971	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,17
1972	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,33
1973	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,82
974 975	689.9 734.7 704.0	44.2 39.3 43.0	734.1 774.0 747.0	34.8 37.2 38.2	25.1 26.4 27.9	34.2 36.6 37.6	24,031 27,306 26,919	1,109 1,038 1,201	25,14 28,34 28,12
1977	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,83
	709.0	43.4	752.4	36.5	26.5	35.9	25,873	1,149	27,02

	Season	Value of p	roduction	Su	gar productio	n	
Year ²	average price per ton re-	Of cane	Of cane	Raw v	alue*		Molames
	ceived by farmers 4	used for sugar	used for sugar and seed	Total	Per ton of cane	Refined basis ⁶	
1964 1965 1966 1967 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976 1976	Dollars 6.83 7.82 8.74 9.38 9.37 9.97 10.50 11.10 20.90 48.50 13.70 18.60	1,000 dollars 94,460 94,329 110,470 137,610 119,435 108,380 132,045 138,617 201,639 319,503 724,509 349,622 243,703 310,017	1,000 dollars 98,016 99,665 116,793 144,639 125,198 115,534 139,688 147,834 211,724 333,061 771,091 366,370 257,242 337,146	1,000 tons 2,326 2,322 2,448 2,648 2,447 2,254 2,416 2,496 2,740 2,549 2,512 2,934 2,724 2,684	Pounds 191 204 206 206 204 208 210 211 201 205 212 214 202 209 203	1,000 tons 2,174 2,170 2,287 2,475 2,286 2,107 2,256 2,277 2,561 2,383 2,347 2,743 2,545 2,545 2,545 2,545 2,545 2,545	1,000 gullons 143,614 145,674 145,201 161,091 132,589 134,455 141,193 144,812 180,535 178,986 180,730

Includes Hawaii for area harvested, yield per acre, production of sugarcane for sugar, and sugar production; includes molasses production for Hawaii. Also includes Hawaii from 1964 to date for area harvested, yield, and production of sugarcane for seed. Price and value for Hawaii not included.

2The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugarcane harvest usually ends by December or early January in Louisiana, in Florida, by March following the season of growth; and, in Hawaii, the harvest takes place throughout the year.

3 Preliminary.

4 Prices do not include Government payments under the Sugar Act.

8 Raw value is the equivalent in terms of 96' sugar, as defined in the Sugar Act of 1948.

4 Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

7 Not available.

0000500

55 00

14 29 43

69

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 114.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1976-78

		200		Sugarcane	for sugar	and seed 1			
State	Ar	ea harvest	ed	Yield	of cane pe	r acre	Cane production		
	1976	1977	19782	1976	1977	19782	1976	1977	19782
For sugar: Fla Hawaii La Tex	1,000 acres 286.0 99.9 291.0 27.1	1,000 acres 285.0 96.8 304.0 33.5	1,000 acres 296.0 101.2 278.0 33.8	Tons 32.6 91.8 25.6 35.8	Tons 29.8 92.9 23.9 29.2	Tons 30.8 97.5 21.0 31.1	1,000 tons 9,324 9,173 7,451 971	1,000 tons 8,493 8,994 7,265 978	1,000 tons 9,117 9,867 5,838 1,051
U.S	704.0	719.3	709.0	38.2	35.8	36.5	26,919	25,730	25,873
For seed: Fla Hawaii La Tex	12.0 6.8 24.0	15.0 6.7 18.0 .4	14.0 7.1 22.0 .3	32.6 27.8 25.6 35.0	31.8 27.2 23.9 27.5	33.0 30.4 21.0 30.0	391 189 614 7	477 182 430 11	462 216 462 5
U.S	43.0	40.1	43.4	27.9	27.4	26.5	1,201	1,100	1,149
For sugar and seed: Fla Hawaii La Tex	298.0 106.7 315.0 27.3	300.0 103.5 322.0 33.9	310.0 108.3 300.0 34.1	32.6 87.7 25.6 35.8	29.9 88.7 23.9 29.2	30.9 93.1 21.0 31.1	9,715 9,362 8,065 978	8,970 9,176 7,695 989	9,579 10,083 6,300 1,060
U.S	747.0	759.4	752.4	37.6	35.3	35.9	28,120	26,830	27,022

		Products of cane harvested for sugar												
State	Sugar per ton of cane (raw value ³)			Sugar produced (raw value ³)			Equivalent refined 4			Molaases 8				
	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19783		
Fla., La., and Tex Hawaii	<i>Lb.</i> 189 229	<i>Lb.</i> 197 230	<i>Lb.</i> 199 210	1,000 tons 1,674 1,050	1,000 tons 1,650 1,034	1,000 tons 1,595 1,037	1,000 tons 1,564 981	1,000 tons 1,542 966	1,000 tons 1,491 969	1,000 gallons 131,746 48,984	1,000 gallons 114,330 *50,564	1,000 guilons 112,432 53,040		
U.S	202	209	203	2,724	2,684	2,632	2,545	2,508	2,460	180,730	164,894	165,472		

¹The growth of 9 months in Louisiana, 12 months in Florida, and 18–24 months in Hawaii. Sugar campaign usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and, in Hawaii the harvest takes place throughout the year. ²Preliminary. ²Raw value is the equivalent in terms of 96° sugar as defined in the Sugar Act of 1948. ⁴Calculated on the basis that 100 pounds of raw sugar is required to produce 346 pounds of refined sugar. ⁵Blackstrap (80° Brix), high-test molasses from frozen cane, and edible molasses. ⁴85 brix.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 115.—Sugarcane for sugar and seed: Production and value, by States, crop of 1977 (preliminary)

			Sugar and seed:	
State	Production	Price per ton	Value of production	Value of production 2
PlaLaTex	1,000 tons 8,970 7,695 989	Dollars 19.60 17.70 15.30	1,000 dollars 166,463 128,591 14,963	1,000 dollars 175,812 136,202 15,132
Total	17,654	18.50	310,017	327,146

¹ Excludes Hawaii. ² Price per ton of cane for sugar used in evaluating value of production for seed.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 116.—Sugarcane, sugar, and molasses: Area, yield, and production in Republic of the Philippines, 1964-78

		Sugar	rcane		S	ugar produc	ed	
Crop year 1	A	Area		Production for centrifugal sugar		Muacovado	Centrifugal	Molasses
	Total ²	Harvested for centrif- ugal sugar	Yield per hectare ³	Total 4	Centrifugal	and panocha	sugar made per ton sugarcane	production
1964 1965 1966 1966 1967 1968 1970 1971 1972 1973 1974 1975 1976 1977	1,000 hectares 308 352 313 308 343 388 461 459 461 465 530 543 508	1,000 hectares 248 328 293 288 286 321 366 442 440 441 445 510 525 492 503	Metric tons 63.73 43.37 45.33 53.05 54.24 58.57 52.69 44.30 51.42 58.62 48.27 55.29 55.33 44.71	1,000 metric tons 15,804 14,225 13,281 16,512 16,512 21,437 23,287 19,491 122,676 26,085 24,616 29,025 27,220 22,487	1,000 metric tons 1,683 1,603 1,442 1,558 1,596 1,597 2,068 1,889 2,424 2,643 2,464 2,875 2,750 2,397	1,000 metric tons 56 57 56 56 56 59 80 46 49 54 54 54 54 55 55	Kilograms 106 113 109 102 103 97 90 88 96 107 101 100 99 101 107	Metric tons 609,00 423,00 443,43 502,87 566,67 881,03 680,87 836,00 955,00 1,190,00 932,00 808,00 808,00

¹ Harvesting begins in October, the length of the growing season being about 11 months.

² Total harvested area includes area for both centrifugal and non-centrifugal sugar.

³ Cane production divided by harvested area.

⁴ Cane production as reported.

⁵ Pretiminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 117. - Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1964-78

		Visible	Receipts	from-	Com-	Dome	stic disapper	arance
Year	Production	stocks beginning of period	Foreign sources	Terri- tories ¹	mercial exports and ship- ments ²	Livestock feed and alcohol ²	Military and civilian use 4	Per capita consump- tion (refined)4
1964 1°65 1966 1967 1968	1,000 tons 5,587 5,370 5,279 5,297 5,627 5,482	1,000 tons 2,637 2,794 2,806 2,758 2,941 3,043	1,000 tons 3,633 4,027 4,495 4,804 5,130 4,886	1,000 tons 809 834 717 705 504 342	1,000 tons 21 89 65 72 79 82	1,000 tons 15 41 79 199 82 68	1,000 fors 9,938 10,080 10,235 10,474 10,656 10,950	Pounds 96.1 97.1 97.1 98.1 90.1
970 971 972 973 973 974 975 976 976 977	5,874 5,815 6,015 6,061 5,663 6,302 6,800 6,090 5,750	2,869 2,835 2,823 2,823 2,646 2,854 2,856 3,498 4,491	5,296 5,587 5,459 5,329 5,770 3,882 4,656 6,138 4,600	353 144 149 79 157 96 203 102 58	66 89 50 26 77 206 70 20 15	83 61 62 31 8 6 0 0	11,163 11,345 11,487 11,429 10,946 19,304 10,895 11,100 10,839	101.1 102.1 102.1 101.1 96.1 90.2 94.1 95.7

Includes inshipments from Puerto Rico (and from Virgin Islands 1964–66).
Includes sugar used in manufacture of exported commodities.
Includes use for alcohol, beginning 1964.
Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.
Estimated

222 - 6

Economics, Statistics, and Cooperatives Service - Economics.

Table 118.—Sugar: Production in specified countries, 1976-781

Continent and country	1976	1977	19782	Continent and country	1976	1977	19782
CENTRIPUGAL SUGAR (raw value) ² North America (cane): Barbados	1,000 metric tons 113	1,000 metric tons 94	1,000 metric tons 100	centraruoal sugar (raw value) 3 — Continued Europe (beet unless otherwise indicated) — Continued Albania	1,000 metric tons	1,000 metric tons	1,000 metric tons
Belize Canada (beet) Costa Rica Cuba Dominican Republic El Salvador Guadeloupe Guatemala Haiti	93 165 195 6,100 1,222 291 91 517 48	93 149 192 7,000 1,179 293 97 410 62	115 116 218 6,500 1,270 290 100 454 70	Continued Albania Bulgaria Caechoelovakia German Dem. Rep. Hungary Poland Romania Yugoalavia	22 285 685 600 400 1,801 800 707	21 275 900 782 438 1,851 609 784	21 275 900 680 420 1,791 610 783
Honduras Jamaica Martinique	107 291 14	150 300 16	150 356 15	Total Eastern Europe	5,300	5,660	5,480
Mexico	2,697	3,030	3,200	Total Europe	18,491	20,328	19,617
Panama	172	175 36	220 40	Soviet Union	7,350	8,825	9,000
Trinidad and Tobago United States: Continental (beet) Continental (cane) Hawaii Puerto Rico	3,534 1,519 938 243	2,844 1,497 988 184	3,033 1,449 939 184	Africa (cane): Angola Egypt Ethiopia Kenya Madagaacar	50 662 180 161 107	60 634 150 197 110	65 700 165 284 112
Total North America	18,791	19,183	19,234	Mauritius	731 337	705 251	695 333
South America (cane unless otherwise indicated):				Mozambique Reunion Southern Rhodesia	200 260 250	260 265 275	250 275 275
Argentina Bolivia Brazil Chile (beet) Colombia Ecusdor	1,592 267 7,500 315 882 301	1,661 280 8,600 123 916 295	1,379 300 7,680 102 985 347	South Africa Swaziland Tanzania Uganda Zaire Other Africa*	2,166 209 120 30 49 613	2,211 225 120 15 58 651	2,122 235 125 20 65 658
Guyana	332 56 941	245 70 850	345 80 800	Total Africa	6,125	6,187	6,379
Surinam	7 125 443	10 102 389	10 100 440	Asia (cane unless otherwise indicated): Burma China:	120	130	130
Total South America .	12,761	13,541	12,568	Mainland (cane and beet)	2,600	2.970	3.000
Europe (heet unless otherwise indicated): Belgium and Luxembourg . Denmark . France . Germany . Fed. Rep. of . Ireland . Netherlands . United Kingdom .	714 416 2,974 2,734 186 1,748 931 755	729 566 4,293 3,075 179 1,364 890 1,003	800 489 3,800 2,800 190 1,391 942 1,250	Taiwan India Indonesia Iran (beet and cane) Japan (beet and cane) Pakistan Philippines Thailand Turkey (Europe and Asia) (beet) Other Asia (cane and	1,123 6,043 1,106 745 565 742 2,750 2,212 1,285	768 7,720 1,000 686 640 856 2,397 1,584 1,082	810 7,000 1,200 683 702 800 2,155 1,800
Total EC	10,458	12,099	11,662	beet)*	393	477	490
Austria	391 80	475 75	350 100	Total Asia	19,683	20,310	20,072
Portugal: Asores and Madeira	385 20 1,472	295 21 1,267	326 20 1,263	Oceania (cane): Australia Fiji	3,405 307	3,322 369	3,000 300
Spain (cane and beet) Sweden	302	343	315 101	Total Oceania	3,712	3,691	3,300
Total Western Europe	13,191	14,668	14,137	World total (cane) World total (beet)	53,512 33,401	56,426 35,639	54,583 35,587
		'		World total (cane and beet)	86,913	92,065	90,170

See footnotes at end of table

Table 118.—Sugar: Production in specified countries, 1976-781—Continued

Continent and country	1976	1977	19782	Continent and country	1976	1977	19782
NON-CENTRIPUGAL SUGAR (as produced)?	1,000 metric	1,000 metric	1,000 metric	NON-CENTRIFUGAL SUGAR (as produced)? — Continued	1,000 metric	1,000 metric	1,000 metric
North America:	tons	tons	tons	Asia:	tons	tons	tons
Costa Rica	45	45	50	Burma	138	140	140
El Salvador	16	10	10	China:		-	
Guatemala	37	36	35	Mainland	825	830	850
Mexico	65	50	50	Taiwan	30	42	40
Nicaragua	10	10	10	India	6,200	6,800	6,800
Panama	2	3	3	Indonesia	200	225	225
	175		180	Japan 5	11	12	12
Total	175	154	158	Pakistan	1,450	1,450	1,450
South America:				Philippines	51	60	60
Brazil	200	200	200		700	700	750
Colombia	735	818	894	Vietnam	10	11	10
Ecuador	42	45	50	Total	9.615	10,270	10,338
Peru	14	13	15	A Count	8,010	10,210	10,000
Venezuela	39	40	40	Total of above countries	10,820	11,540	11,69
Total	1,030	1,116	1,199				

¹Crop years are on a September/August basis, (year shown is the beginning year) but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

²Preliminary.

³Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

⁴"Other Africa" includes Afars-Issas, Algeria, Cameroon, Congo, Ghana, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somali Republic, Sudan, Tunisia, and Zambia.

⁵Since Jan. 1, 1972, includes Rykyu Islands.

⁶"Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

Vietnam.

Non-centrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, rapadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1976-781

Country or area of supply	1976	1977	19782	Country or area of supply	1976	1977	19782
Argentina Australia Brazil Belize Colombia	1,000 tons 87 470	1,000 tons 267 494 661 36	1,000 tons 271 165 600 87 113	Philippines South Africa China, Taiwan Other countries	1,000 tons 914 98 87 596	1,000 tons 1,443 274 36 688	1,000 tons 847 60 57 792
Costa Rica	14 84 65	95	78	Total foreign countries	4,658	6,138	4,693
Dominican Republic	971	975	734				
Ecuador	28	55	37	Domestic areas:			
El Salvador	143	166	130	Mainland (beet)	3,822	3,509	3,196
Piji Islands		18	51	Mainland (cane)	1,592	1,448	1,244
Guatemala	331	301	156	Hawaii	985	979	1,009
Haiti	6	****	6	Puerto Rico	203	102	52
India	189		*****	Texas (cane)	118	85	62
Mexico	1		53				
Nicaragua	166	120	108	Total domestic areas	6,720	6,123	5,565
Panama	95	131	123				
Peru	313	314	225	Grand total	11,378	12,261	10,256

Raw value is the equivalent in terms of 96° sugar.
2 Preliminary.

5

50542530552550558-79

= 30

00

100 192

583 587

170

Table 120.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1964-79

Item and year	Cane sugar refineries ²	Beet sugar factories	Importers of direct consumption sugar ³	Mainland cane sugar mills 4	Total
JAN 1 STOCKS 5	1,000 tons	1.000 tons	1.000 tons	1.000 tons	1.000 tons
1964	327	958	40	4,000 10115	1,325
1965	215	1.585	23		1.823
1966	208	1.603	24		1,835
1967	215	1.423	16		1.654
1968	249	1,335	32		1.616
1969	256	1.292	11		1.559
1970	251	1.321	9		1.581
1971	237	1.266	4		1.507
1972	255	1.258	i		1.514
1973	233	1.280	3		1.516
1974	257	1,130	1		1,388
1975	276	1.314	i		1.591
1976	233	1,490	0		1.723
1977	261	1.661	0		1.922
1978	312	1.580	85		1.977
1979 6	362	1,458	0		1,820
PRODUCTION OR RECEIPTS					
1964	6,148	3,150	204		9,502
1965	6,368	2,845	207		9,420
1966	6,685	2,647	180		9,512
1967	6,868	2,551	302		9,721
1968	7,209	2,840	193		10,242
1969	6,874	3,034	147		10,055
1970	7.143	3.281	139		10.563
1971	7.324	3,205	108	*******	10,639
1972	7.304	3,303	89		10.696
1973	7,358	3,133	73		10.564
1974	7.608	3.010	56		10.674
1975	6.183	3,246	82		9.511
1976	6.561	3,741	76		10.378
1977	7.078	3,199	258		10,535
1978 6	7,030	2,867	95		9,992
DELIVERIES 7					
1964	6,260	2,523	219	58	9,060
1965	6,374	2,827	206	65	9,472
1966	6,678	2,826	187	55	9,746
1967	6.834	2,639	286	54	9.813
1968	7.201	2.883	214	48	10.346
1969	6.879	3.005	148	49	10.081
1970	7.158	3,336	144	57	10,695
1971	7,306	3.213	iii	51	10.681
1972	7,326	3,281	87	70	10,764
1973	7.334	3.282	75	81	10,772
1974	7,590	2.826	56	54	10,526
1975	6.237	3.068	83	65	9.453
1976	6,534	3,572	76	15	10,197
1977	7.026	3.280	172	17	10,495
1978*	6,980	2,989	180	18	10,167
****** *****************	0,500	2,500	1 400	10	\$0,101

All sugars converted to refined basis.
Includes Hawaiian sugar for direct consumption.
Includes Puerto Rican sugar for direct consumption.
Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.
Stocks include sugar in bond and in customs custody and control.
Preliminary.
Includes deliveries for export, for livestock feed, and for use in alcohol.

Classics See And And Brain M. Eco Sp. Grita Tu Ca Universal See Con Deve Fra Geria Ira

Table 121.—Sugar, cane (raw1): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1964-79

Year	Jan. 1 stocks	Receipts 2	Meltings	Deliveries for direct consumption
984	1,000 tons 1,027 596 11,027 596 8112 834 695 804 785 972 998 886 428 776 1,678	1,000 tons 6,166 6,763 7,254 7,635 7,759 7,251 7,780 7,856 8,041 7,948 8,063 6,206 7,430 8,490 6,883	1,000 tons 6,585 6,892 7,183 7,776 7,730 7,855 7,865 7,844 7,910 8,161 6,639 7,071 7,554 7,578	1,000 tons

¹ Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.
² Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quots, and raw cane sugar produced from sugarcane in the continental United States.
³ Preliminary.

Agricultural Marketing Service.

Table 122.—Sugar, centrifugal (raw value): Stocks in specified countries, 1976-78

Country	Date1	Sugar	making	eason	Country	Date !	Sugar	making s	eason
Country	Date	1976	1977	1978*	Country	Date.	1976	1977	19782
71		1,000	1,000	1,000			1,000	1,000	1,000
		metric	metric	metric			metric	metric	metric
20.000		tons	tons	tons			toms	tons	toms
Chile	Apr. 1	215	130	132	Ireland	Oct. 1	35	25	16
Colombia	May 1	55	41	62	Japan	Oct. 1	98	157	442
South Africa	May 1	234	240	314	Netherlands	Oct. 1	139	150	122
Argentina	June 1	137	116	159	Philippines	Oct. 1	744	1,677	1,427
Australia	June 1	328	533	536	Sweden	Oct. 1	138	126	108
Brazil	June 1	1,746	1,286	2,861	Switzerland	Oct. 1	21	54	88
Mauritius	June 1	219	246	283	United States and			200	
Ecuador	July 1	13	12	75	insular areas	Oct. 1	2,399	2,718	3,256
Spain	July 1	136	118	427	Uruguay	Oct. 1	70	109	101
Greece	July 1	42	132	151	El Salvador	Nov. 1	9	8	19
Finland	Aug. 1	82	48	15	Guatemala	Nov. 1	77	62	12
Guyana	Aug. 1	21	18	23	India	Nov. 1	737	818	1,265
italy	Aug. 1	337	509	878	Mexico	Nov. 1	642	282	125
Turkey	Aug. 1	79	78	161	Thailand	Nov. 1	34	412	941
Canada	Sept. 1	117	183	212	Egypt	Nov. 1	70	145	179
United Kingdom	Sept. 1	139	251	751	Dominican Republic	Dec. 1	300	348	282
Venezuela	Sept. 1	123	21	84	Barbados	Jan. 1	15	16	14
Yugoslavia	Sept. 1	92	64	257	Haiti	Jan. 1	7	9	18
Austria	Oct. 1	68	173	80	Jamaica	Jan. 1	12	25 30	48
Belgium	Oct. 1	90	124	54	Nicaragua	Jan. 1	6		
Costa Rica	Oct. 1	15	14	7	Peru	Jan. 1	86	160	164
Denmark	Oct. 1	98	74	155	Trinidad and				
France	Oct. 1	174	259	606	Tobago	Jan. 1	3	12	
Germany, Fed. Rep. of	Oct. 1	165	365	556					
Iran	Oct. 1	207	283	264	Total		10,574	12,661	17,741

¹All stock carryover dates apply to the year shown, except Jan. 1 and Apr. 1, which apply to the following year.
²Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 123. - Sugar, centrifugal (raw value): International trade, 1975-77

	19	775	19	76	197	771
Continent and country	Exports	Imports	Exports	Imports	Exports	Imports
	1,000	1,000	1,000	1,000	1,000	1,000
orth America:	metric tons	metric tons	metric tons	metric tons	metric tons	metric tons
Belize	76	1	58	0	10ms	steris
Canada	87	998	52	895	145	1.06
Costa Rica	71	(2)	69		74	(2)
El Salvador	136	(2)	130	(2)	168 294	(2)
Guatemala	204	0	314	2	294	
Honduras	10	(2)	7	(2)	25	{2}
Mexico	161	(2)	13	(2)	0	(2)
Nicaragua Panama	90	7	154 93	(*)	100	(2)
United States	203	3,490	69	4,136	119 20	5,28
Caribbean:	200	0,450	0.5	4,100	20	0,40
Antigua	0	2	0	2	0	
Barbados	73	0	84 5,764	0	106	
Cuba	5,744	0	5,764	0	6,238	153
Dominican Republic		0	911	0	1,117	
Guadeloupe 3	21	0	5	0	6	
Haiti Jamaica	25 258	0	233	0	13 220	-
Netherlands Antilles	208	5 8	233	6 8	. 220	
St. Kitts	21	ő	33	0	38	
Trinidad and Tobago	109	(2)	155	(2)	140	(2)
Other countries 4	7	22	8	25	10	
Total North America	8,328	4,533	8,224	5,079	8,919	6,4
outh America:						
Argentina	193	0	290	0	925	
Bolivia Brazil	1,746	0	147 1,252	0	115	
Chile	1,746	122	1,252	98	2,487	3
Colombia	181	0	100	0	100	0
Ecuador	51	0	40	0	56	
Guyana	289	0	306	o o	211	
Paraguay	15	0	4	0	0	
Peru	422	0	284	0	412	
Uruguay		20	5	(2)	0	(2)
Venezuela Other countries 4	46	0	0	110	0 3	1
Total South America	-	143	2,429	210	4,309	4
		1.00	2,120		4,000	-
urope: Belgium and Luxembourg	189	30	351	76	532	
Denmark	154	29	173	50	263	
France ⁵	994	183 196	1,422	136	1,816	1
Germany, Fed. Rep. of		196	318	169	713	1
Ireland	58	50	(2)	74	65	
Italy	14	677	81	290 73	212	1
United Kingdom	385	2,346	285	2,101	178	1,8
Total EC		3,540	2,733	2,969	3,785	2,6
Austria		10	125	1	16	(2)
Finland	64	171	27	136	59	1
Greece	0	87	34	(2)	52	
Iceland	0	9	0	11	0	
Malta	0	7	0	22	0	
Norway Portugal		108 286	48	169 239		1
Spain	44	484	0	65	(2)	
Sweden	(2)	80	(2)	121	22	1
Switzerland		142	(2)	226	6	
Total Western Europe	215	1,384	234	990	203	1,0
Albania	0	17	0	13	0	
Bulgaria	0	295	0	330	0	1 1
Czechoslovakia	227	48	71	109	171	1
German Dem. Rep. Hungary	64	166	67	189	91	1 2
Hungary	7 72	198 54	348	150	271	
		54 47	348	16		1 .
Romania Yugoslavia		119	(2)	119 342	164	1
Total Eastern Europe		944	488	1.268	698	9
			400	1 1,200	1 400	

See footnotes at end of table.

Table 123.—Sugar, centrifugal (raw value): International trade, 1975-77—Continued

Continent and sounter	15	75	19	76	197	71
Continent and country	Exports	Imports	Exports	Imports	Exports	Imports
Soviet Union	1,000 metric tons 58	1,000 metric tons 3,237	1,000 metric tons 79	1,000 metric tons 3,760	1,000 metric tons 87	1,000 metric tons 4,776
Africa: Algeria Angola Egypt Ethiopia* Ghana Ivory Coast Kenya Libya Madagascar Mauritius Morocco Mozambique Nigeria Reunion* Southern Rhodesia Senegal Sierra Leone South Africa Sudan Swaziland Tansania Tunisia Zaire Other countries*	0 0 44 7 7 0 0 41 498 (²) 51 0 0 (²) 116 (²) 0 809 0 161 122 24 (²)	296 7 172 (2) 20 20 14 96 (2) (2) 257 0 63 10 0 63 10 0 (1) 125 125 200	0 43 25 25 (2) (2) (3) (3) 30 584 (4) (2) (2) (2) (3) (4) (2) (3) (4) (4) (5) (6) (6) (7) (7) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	354 45 185 (2) 19 184 19 124 (2) 263 (3) 176 190 0 60 133 82 25 60 0 0 12 194 10 10 10 10 10 10 10 10 10 10 10 10 10	1 0 63 4 4 0 0 (2) 5 0 0 28 674 0 0 (2) 0 0 0 1.384 0 0 211 111 30 0 0 50	45(5) 517(12) 34 114 125 135 136 146 147 147 147 147 147 147 147 147 147 147
Total Africa	1,803	1,744	2,091	2,112	2,729	2,48
Asia: Yemen (Aden)	0	26 60	0	19 78	0	2 3
China: Mainland Taiwan Cprus Hong Kong India Indonesia Iran Iraq Israel Japan Jordan Korea, Rep. of Kuwait Lebanon Malaysia, West Philippinee Singapore Sri Lanka Syria Thailand Turkey (Europe and Asia) Vistnam Other countries **Touries of the Countries of the Countries **Touries of the Countries of the Coun	94 409 0 1,291 1 0 13 0 104 (2) 129 (2) 1 34 972 40 0 0 595 52 7 10	313 0 111 75 0 87 226 328 150 2.473 4 357 66 354 66 354 145 0 106 247 401	24 519 0 0 1 915 0 0 0 0 84 2 (2) 3 1.467 2 2 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	638 0 13 84 0 200 626 3329 131 2,439 112 308 36 36 36 36 36 10 10 10 10 10 10 10 10 10 10 10 10 10	40 599 0 1 276 (2) 0 0 4 4 0 0 89 2 2 0 0 2,5 2,443 17 0 0 1,857 0 0 1,857 0 0 0 1,857 0 0 0 0 1,857 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,566 11 9 9 237 499 18: 2,700 400 60: 15: 400 12: (2)
Total Asia	3,716	5,744	4,189	6,286	5,169	7,64
Oceania: Australia Fiji New Zealand Other countries*	1,997 255 1 0	(2) (2) 192 45	2,016 257 (2) 0	(2) (2) 173 46	2,558 318 (2) 0	(2) (2) 18- 41
Total Oceania	2,253	237	2,273	219	2,876	23
World total	21,880	21,506	22.740	22.893	28,775	26,676

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

¹Preliminary. ²Less than 500 tons. of other countries not shown separately. ³Excludes trade with France and French Territories. ⁴Includes trade of Ethiopian calendar year. ⁴Includes trade with French Territories. ⁶Ethiopian calendar year.

Table 124.—Sugar (raw and refined): Average price per pound at specified markets, 1964-78

	Who	lesale pri	ce, cane o	ugar			Who	Wholesale price, cane sugar				
	Raw,	Raw, 96° centrifugal			Retail price, granu-		Raw,	96° centr	ifugal		Retail price, granu-	
Year	Carib- bean ports 1	New York, c.i.f. basis 2	New York, duty paid	Re- fined: New York ³	lated: United States	Year	Carib- bean ports 1	New York, c.i.f. basis 2	New York, duty paid	Re- fined: New York 3	lated: United States	
1964 1965 1966 1967 1968 1969 1970	Cents 5.87 2.12 1.86 1.99 1.98 3.37 3.75 4.55	Cents 6.27 6.12 6.36 6.65 6.90 7.12 7.45 7.90	Cents 6.9 6.8 7.0 7.3 7.5 7.8 8.1 8.5	Cents 10.47 10.02 10.15 10.41 10.60 11.22 11.74 12.24	Cents 12.8 11.8 12.0 12.1 12.2 12.4 13.0 13.6	1972	Cents 7.43 9.61 29.99 20.49 11.58 *8.22 *7.81	Cents 8.47 9.66 42.22 21.85 12.74 510.36 49.37	Cents 9.1 10.3 29.5 22.5 13.3 510.9 413.9	Cents 12.83 13.78 33.66 30.80 18.85 16.17 20.45	Cents 13.9 15.1 32.3 37.2 24.0 21.6 *23.8	

¹ F. o.b. and stowed.
² Quotations are on a cost, insurance, and freight basis.
³ Average wholesale price per pound less 2 percent cash discount.
⁴ Averages of prices reported by urban dealers as of the 15th of the month. Derived from reported price for 5-pound container.
⁴ Average for 10 months.
⁵ Derived.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the following sources: New York Journal of Commerce; U.S. Department of Labor retail prices series; and reports of the New York Coffee and Sugar Exchange.

Table 125.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1976-781

Country of origin	1976	1977	19782	Country of origin	1976	1977	19782
North and South America, including Caribbean area: Argentina Brazil Colombia Costa Rica Dominican Republic Ecuador El Salvador	1,000 metric tons 87 0 102 59 839 33 118	1,000 metric tons 267 510 12 84 867 49 127	1,000 metric tons 156 463 61 27 590 12 126	Other countries: Australia China, Taiwan India Mauritius Philippines South Africa Other	1,000 metric tons 369 77 177 27 840 87 166	1,000 metric tons 427 76 (3) 50 1,188 245 264	1,000 metric tons 176 51 (3) 53 803 0 222
Guatemala	289 (3)	(3)	139 21	Total other countries	1,743	2,250	1,305
Nicaragua Panama Peru West Indies and Guyana Other America	138 86 317 224 101	117 115 254 144 202	77 122 166 127 224	World total	4,136	5,290	3,616
Total	2,393	3,040	2,311				

¹ Includes raw sugar imports and refined sugar imports converted to raw basis.
² Preliminary.
² Less than 500 tons.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 126.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1976-1978

Country of destination	1976	1977	19781	Country of destination	1976	1977	19781
North and South America, including Caribbean areas: Bahamas Bermuda Canada Jamaica Leeward and Windward Islands	Metric tons 1,766 348 34,326 90	Metric tons 1,552 111 3,495 12	Metric tons 757 42 3,076 76	Africa: Guinea Morocco Nigeria West Africa, n.e.c. Other countries	Metric tons 276 5,436 11,444 44 160	Metric tons 264 0 5,925 49 22	Metric tons 192 0 1,087 0 22
Netherlands Antilles Other countries	3,599 505	4,473 491	2,868 453	Total	17,360	6,260	1,301
Total	40,725	10,317	7,352	Asia and Oceania: French Pacific Islands	270 150	42 27	3 19
Europe: France Germany, Fed. Rep. of Iceland	27 14 0	10 3 0	12 17 2,012	Israel Japan Saudi Arabia Trust Territory of Pacific	1,913 565 136	825 0 300	12 336
Italy Netherlands Sweden United Kingdom	5,707 87 26	36 1 235 248	134 462 233 29	Western Samoa	1,018 224 76	1,048 133 203	1,084 91 261
Other countries	439	50	67	Total	4,352	2,578	1,807
Total	6,330	583	2,966	World total	68,767	19,738	13,426

1 Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 127.—Maple sirup and sugar: Production, farm disposition, season average price received by farmers, and value, United States, 1964-78

	Produ	ection	Disposition on produ	farms where ced	Season aver- age price per	Value of pro-
Year	Sirup	In terms of sugar 2	Home use	Sold	gallon of sirup	duction
	1,000	1,000	1,000	1,000		1,000
	gallons	pounds	gallons	gallons	Dollars	dollars
1964	1,546	12,368	91	1,455	5.02	7,76
1965	1,266 1,476 979	10,128	84	1,182	5.04	6,38
1966	1,476	11,808	84	1,392	4.96	7,31
1967	979	7,832	65 62	914	5.33	5,21
1968	983	7,864	62	921	5.48	5,39
1969	1,032	8,256	64 71	968	6.15	6,35 7,57
1970	1,110	8,880	71	1,039	6.83	7,57
1971	962	7,696	60 57	902	7.10	6,82
1972	1,099 857	8,792	57	1,042	8.79	9,67
1973	857	6,856	47	810	9.35	8,01
1974	1,087	8,696	70	1,017	9.91	10,76
1975	1,201	9,608	91	1,110	10.60	12,72
1976	1,087 1,201 927	7,416	84	843	11.48	10,63
1977	1,221	9,768	84 73 77	1,148	12.00	14,66
1978	1,154	9,232	77	1.077	12.90	14,85

¹ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.
² Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 128. - Maple sirup: Production, by States, 1976-781

	8	irup med	le		Sirup made			
State	1976	1977	1978	State	1976	1977	1978	
Maine	1,000 gallons 7 27 69	1,000 gallons 8 27 90 74	1,000 gallons 7 28 80	PaVt	1,000 gailions 40 334 66	1,000 gallons 47 437 130	1,000 gallons 410 110	
N.H N.Y Ohio	27 69 57 277 50	320 88	82 330 65	U.S	927	1,221	1,15	

¹ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine. Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 129.—Maple sirup: Production, farm disposition, and value, by States, crop of 19781

State	Production	Disposition where		Season average	Value of —			
		Home use	Sold	price per gallon	Production	Sales		
Maine Mass Mich N.H N.Y Ohio Pa Vt Wis	1,000 gallons 7 28 80 82 330 65 42 410 110	1,000 gallons 1 2 3 8 20 6 3 25 9	1,000 gallons 6 26 77 74 310 59 39 385 101	Dollars 16.00 14.10 14.00 15.60 12.00 13.00 12.00 13.00 11.90	1,000 dollars 112 395 1,120 1,279 3,960 845 504 5,330 1,309	1,000 dollars 96 367 1,072 1,15 3,720 767 446 5,000 1,200		
U.S	1,154	77	1,077	12.90	14,854	13,85		

¹ Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine. Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 130.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, and average price per pound received by beekeepers, United States, 1964-78

								_										I	Number of	Hor	ey yield	P	rodu	action	Pri	Prices		
	Year						colonies		per colony		,	Beeswax	All honey	Beerwax														
964																			Thousands	-	bunds	1,000 pound	8	1,000 pounds	Cents	Cents		
965	-				-	-					-	•	0 1	6				1	4,840		51.9	251,1		4,672	18.6	44		
966																0 1	0 0	1	4,718		51.3	241,8		4,697	17.8	44		
967															0	0 1		н	4,646		52.0	241,5		4,615	17.4	46		
968										0					0	0 1		н	4,635		46.6	215,7		4,386	15.6	58 61		
																		и	4,539 4,433	1	42.2	191,3		3,797	16.9	61		
969	-																	п	4,433	1	60.3	267,4		5,171	17.5	61 60		
970				0	0		 0	0 0	 . 0	0	0	0			0	0 1		1	4,285 4,107		51.7	221,7		4,374	17.4	60		
971					0		 0				0	g			w			н	4,107	1	48.2	197.8	26	3.597	21.8	61		
972					0				 			0						1	4.085	1	52.8	215.6	07	3,997	30.2	62		
973											0							н	4,085 4,124	1	58.0	239.0	89	4,251	44.4	74		
974																		п	4,210 4,206	1	44.6	187.8	55	3,450	51.0	114		
975																		н	4.206	1	47.4	199.1		3,405	50.5	103		
776										Ĭ								н	4.285	1	46.3	198.3		3,352	49.9	112		
977										•					-	-		1	4,285 4,346	1	41.1	178.4		3,095	53.0			
978	1									0			0 1	0	0	0 1		П	4.084	1	56.4	230.3		3,936	54.5	158		

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 131.—Honey: United States imports for consumption, by country of origin, 1976-78

Continent and country of origin	1976	1977	19781	Continent and country of origin	1976	1977	19781
North America: Canada Dominican Republic El Salvador Guatemala Honduraa Mexico Other countries	Metric tons 2,480 336 293 330 14,085 40 332	Metric tons 6,830 351 439 523 14,839 158 112	Metric tons 3,972 576 155 76 8,322 117 164	Europe: Belgium and Luxembourg Germany, Fed. Rep. of Greece Netherlands Spain United Kingdom Other countries	Metric tons 0 18 48 23 (2) 2 62	Metric tons 18 21 31 1 10 6 14	Metric tons 0 29 20 4 2 24 17
Total	17,876	23,252	13,382	Total	153	101	96
South America: Argentina Brazil Chile Colombia Veneruela	8,397 914 318 172 146	4,144 1,003 20 1	6,982 3,962 170 100 186	Asia and Oceania: Australia China, Mainland New Zealand Other countries	1,205 254 284 92	20 289 36 6	23 301 39 25
Other countries	150	25 18	99	Total	1,835	351	388
Total	10,097	5,211	11,519	Africa, total	159	66	0
				Total	30,120	28,981	25,385

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

¹ Preliminary. ² Less than 1 metric ton.

Table 132.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1977 and 1978

		19	77			19	78	
State	Number	Honey yield	Produ	uction	Number	Honey yield	Produ	ection
	of colonies	per colony	Honey	Beeswax	of colonies	per colony	Honey	Beeswax
	Thou-		1.000	1.000	Thou-		1.000	1,000
	sands	Pounds	pounds	pounds	sands	Pounds	pounds	pounds
a	49	23	1,127	29	45	22	990	,
iz	60	47	2,820	45	60	45	2,700	
k	52	30	1.560	27	50	28	1.400	
dif	525	26	13,650	205	504	62	31,248	5
do	41	67	2,747	55	39	67	2,613	
nn	8	28	224	4	8	26	208	
d	3	30	90	2	4		136	
	360	40	14,400	216	356	34 67		3
							23,852	3
	170	25 97	4,250	55	150	23	3,450	
ıwaii	7		679	11	7	116	812	100
ho	103	46	4,738	74	100	45	4,500	
	44	40	1,760	30	38	43	1,634	
1	79	39	3,081	60	76	51	3,876	
va	82	74	6,068	97	86	53	4,558	
ins	52	46	2,392	48	43	60	2,580	
	53	22	1,166	21	46	23	1,058	
	38	35	1,330	25	31	50	1,550	
ine	5	18	90	2	5	31	155	
	13	22	286	8	13	43	559	
198	12	22	264	5	12	35	420	
ch	105	54	5,670	85	103	58	5,974	
nn	150	80	12,000	228	145	96	13,920	2
**	59	23	1.357	34	52	25	1.300	
)	116	48	5,568	139	112	56	6,272	1
		57				89		
ont	96		5,472	104	99		8,811	1
br	144	50	7,200	144	127	65	8,255	1
v	10	55	550	9	9	40	360	
Н	4	28	112	2	4	35	140	
1	37	34	1,258	20	35	30	1,050	
Mex	37	33	561	10	13	33	429	
Y	120	31	3,720	67	110	56	6,160	
C	205	25	5,125	97	190	32	6,080	1
Duk	136	88	11,968	168	160	128	20,480	1 2
iio	97	26	2,522	43	89	35	3,115	
da	65	34	2,210	42	60	38	2,280	
eg	58	37	2,146	36	60	32	1.920	
	93	31	2.883	46	78	31	2.418	
1	1	30	30	1	1	32	32	
	60	18	1.080	22	56	21	1.176	
Dak	165	58	9,570	163	171	120	20,520	9
nn	160	22	3,520	84	140	30	4,200	
×	210	43	9,030	163	185	47	8,695	1
tah	48	50	2,400	38	47	30	1,410	,
an	8	24	192	2	9	35	315	
	80	20	1.600	22	77	33		1
					1 77		2,541	1
ash	91	44	4,004	68	82	34	2,788	
. Va	89	20	1,780	25	93	30	2,790	
is	125	77	9,625	164	124	51	6,324	1
уо	41	64	2,624	50	41	55	2,255	
U.S	4.346	41.1	178,499	3.095	14,084	56.4	230,309	3.9

Sum of State totals exceed the U.S. total because of duplication of colonies between States.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 133.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1977 and 1978

111				Honey	prices	11			
State	Wholes	ale, extracte	d, 1978	Retail, extracted,	All¹ comb.	All¹ chunk.	All h	oney	Beeswa prices, 1978
-	Bulk	Packaged	All	1978	1978	1978	1977	1978	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollar
In	0.43	0.82	0.47	0.97	1.08	0.99	0.616	0.702	1.6
riz	.42	.64	.43	.76			.421	.446	1.5
rk	.45	.76	.46	.82	.86	.88	.466	.473	1.6
alif	.45	.48 .72	.45	.57			.425	.448	1.7
olo	.50	.72	.53	.76	1.35		.523	.558	1.7
onmel	.64	.74	.95 .73	1.13	1.30	1.00	1.06	1.09	1.6
la	.64	.67	.45	.78	.99	1.20 1.07	.897	.935	1.7
A	.48	1.07	.50	1.18	.83	.82	. 513	.587	1.6
awaii	.47	.64	47	.71	,00	.02	.454	.476	1.8
aho	.47	.62	.48	.62			.480	.485	1.7
	.55	.74	.61	.96	1.18	1.14	.644	.679	1.7
d	.54	.80	.64	.86	1.18	1.17	.756	.742	1.5
Wa	.49	.68	.49	.84	1.17	1.13	.512	.509	1.6
ans	.56	.77	.57	.82			.485	.584	1.6
y	.73	.87	.74	1.03	1.08	1.00	.826	.891	1.6
	.43	.83	.44	.82			.443	.474	1.6
aine		.85	.85	1.09	1.35	1.60	.856	.982	1.6
lass	.64	.78	.73 .88	.94	1.23	1.13	.772	.795	1.5
ich	.45	.68	.68	1.12	1.53	1.60	1.03	1.03	1.5
linn	.48	.68	.49	.74	1.12	.94	470	495	13
lise	48	.81	.53	.96	1.20	1.00	.588	.636	13
lo	.66	.88	.67	.97	1.15	1.10	.640	.749	1.0
ont	.52	.71	.53	.77	1.23		.539	.538	1.3
ebr	.45	.69	.46	.88			.458	.472	1.3
ev	.57	.84	.58	.89	1.25		.672	.602	1.1
.н		.95	.95	1.14	1.46	1.31	1.04	1.14	1.0
J	.77	.88	.86	1.09	1.45	1.35	.825	.947	1.5
. Mex	.54	.76	.55	.79			.448	.564	1.5
Y	.49	.79	.50	.88	1.19	1.21	.558	.543	1.
.C	.54	.99	.82	1.23	1.11	1.26	.793	.899	1.1
Dak	.47 .57	.75	.47 .59	.77	1.17	1.26	.635	.471	1.0
kla	.55	.89	.67	1.00	1.17	1.20	.632	.716	1 17
reg	48	.62	49	.72	1.05		.509	.510	13
	.50	.71	.54	.88	1.11	.86	.656	.653	1.3
1		.96	.96	1.13			1.08	1.07	i
.C	.59	.82	.80	.94	1.03	.86	.805	.845	1.
Dak	.45	.64	.46	.71			.450	.458	1.
enn	.69	.94	.74	1.25	1.21	1.15	.802	.889	1.
ex	.43	.65	44	.83			.450	.476	1.
tah	.53	.57	.54	.63	1.40	.90	.532	.570	1.
t	.73	.92	.91	.99	1.26	1.20	.886	.936	1.0
a	.51	.77	.57	.94	1.01	.92	.657	.716	1.3
Ash	.50	.63 .85	.51	.94	9.30	1.00	.530	.549	1.5
	.58	.85	.60	1.03	1.19	1.08	.939	.984 .526	2.
/is/yo	.50	.71	.50	.78	1.15		.513	.506	1 1
.ju	.50	.00	.90	.00	*****		.001	.000	1.
U.S	.486	.698	.511	.801	1.12	1.07	.530	.545	1.5

¹ Prices for wholesale and retail comb and chunk honey discontinued.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 134.—Honey and beeswax: Average wholesale prices for specified types and locations, 1969-781

1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Cents 17.8	Cents 14.2	Cents 20.0	Cents 31.2	Cents 36.0	Cents 40.0	Cents 40.5	Cents 39.3	Cents 40.6	Cents 45.1
13.1	14.7	19.8	30.7	36.5	42.1	41.2	41.0	43.5	46.1
12.3	14.5	20.0	28.9	43.0	41.4	39.8	37.3	39.4	45.3
15.0	14.4	18.5	29.9	45.3	48.3	44.2	44.3	44.3	45.5
14.8	14.6	19.0	31.2	40.8	47.1	45.8	44.2	44.5	45.8
66.0	55.6	58.9	59.9 68.7	68.9	108.9	107.8	114.4	155.7	168.8 171.4
	17.8 13.1 12.3 15.0	17.8 14.2 13.1 14.7 12.3 14.5 15.0 14.4 14.8 14.6 66.0 55.6 66.3 60.3	17.8 14.2 20.0 13.1 14.7 19.8 12.3 14.5 20.0 15.0 14.4 18.5 14.8 14.6 19.0 66.0 55.6 58.9 66.3 60.3 63.5	17.8 14.2 20.0 31.2 13.1 14.7 19.8 30.7 12.3 14.5 20.0 28.9 15.0 14.4 18.5 29.9 14.8 14.6 19.0 31.2 66.0 55.6 58.9 59.9 66.3 60.3 63.5 68.7	17.8 14.2 20.0 31.2 36.0 13.1 14.7 19.8 30.7 36.5 12.3 14.5 20.0 28.9 43.0 15.0 14.4 18.5 29.9 45.3 14.8 14.6 19.0 31.2 40.8 66.0 55.6 58.9 59.9 68.9 66.3 60.3 63.5 68.7 72.9	17.8 14.2 20.0 31.2 36.0 40.0 13.1 14.7 19.8 30.7 36.5 42.1 12.3 14.5 20.0 28.9 43.0 41.4 15.0 14.4 18.5 29.9 45.3 48.3 14.8 14.6 19.0 31.2 40.8 47.1 66.0 55.6 58.9 59.9 68.9 108.9 66.3 60.3 63.5 68.7 72.9 111.2	17.8 14.2 20.0 31.2 36.0 40.0 40.5 13.1 14.7 19.8 30.7 36.5 42.1 41.2 12.3 14.5 20.0 28.9 43.0 41.4 39.8 15.0 14.4 18.5 29.9 45.3 48.3 44.2 14.8 14.6 19.0 31.2 40.8 47.1 45.8 66.0 55.6 58.9 59.9 68.9 108.9 107.8 66.3 60.3 63.5 68.7 72.9 111.2 98.4	17.8 14.2 20.0 31.2 36.0 40.0 40.5 39.3 13.1 14.7 19.8 30.7 36.5 42.1 41.2 41.0 12.3 14.5 20.0 28.9 43.0 41.4 39.8 37.3 15.0 14.4 18.5 29.9 45.3 48.3 44.2 44.3 14.8 14.6 19.0 31.2 40.8 47.1 45.8 44.2 66.0 55.6 58.9 59.9 68.9 108.9 107.8 114.4 66.3 60.3 63.5 68.7 72.9 111.2 98.4 122.8	17.8 14.2 20.0 31.2 36.0 40.0 40.5 39.3 40.6 13.1 14.7 19.8 30.7 36.5 42.1 41.2 41.0 43.5 12.3 14.5 20.0 28.9 43.0 41.4 39.8 37.3 39.4 15.0 14.4 18.5 29.9 45.3 48.3 44.2 44.3 44.3 14.8 14.6 19.0 31.2 40.8 47.1 45.8 44.2 44.5 66.0 55.6 58.9 59.9 68.9 108.9 107.8 114.4 155.7 66.3 60.3 63.5 68.7 72.9 111.2 98.4 122.8 168.2

¹Simple average of average monthly prices, 1969-74; weighted average of monthly prices, 1975-78.

²Except where otherwise stated, price to beekeepers for bulk unprocessed honey, f.o.b. shipping point or delivered nearby market.

³Data do not include California prior to 1970.

⁴"Dark" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.

Agricultural Marketing Service.

Table 135.—Beeswax, crude: United States imports for consumption, by country of origin, 1976-1978

Continent and country of origin	1976	1977	19781	Continent and country of origin	1976	1977	19781
North America: Canada Dominican Republic Haiti Mexico Other countries South America: Brazil Chile Other countries	Metric tons 147 138 39 158 0 180 351	Metric tons 182 154 25 331 1 187 214	Metric tons 194 150 22 121 0 190 215	Europe: Portugal Spain Other countries Asia and Oceania: Australia China, Mainland New Zealand Other countries	Metric tons 20 22 21 23 1 6 0	Metric tons 10 12 (2) 0 0 6 0	Metric tons
Other countries Africa: Egypt Ethiopia Tanzania Other countries	0 246 60 0	45 126 0 0	15 137 0 0	Total	1,412	1,293	1,067

¹ Preliminary. ² Less than 1 metric ton.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 136.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1964-78

				Pro	ducti	on i					1	lmp	orts	
Year	Corn	Cane	Siru	nla 2	Refiner	Edible molas-	Honey	Total		lapie irup	Edit mole ses a can siru	nd nd	Honey	Total
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	1,000 gallons 238,832 243,682 252,337 255,860 4274,000 282,000 292,000 304,000 397,880 451,264 498,313 5615,488 695,196 751,809	1,000 gallons 2,814 2,989 2,923 2,121 2,346 2,661	1,0		1,000 gallor 2,98 2,49 2,49 2,56 2,23 1,68 2,07 2,30 2,56 2,48 2,40 2,157	1,000 seallons 2,685 4 2,648 3 2,563 2,477 11 2,466 15 2,532 2,121 13 2,517 77 2,290 1,926 44 1,559 22 1,14 1,559 22 1,14 1,559 2,517 7,77 2,538	1,000 gallons 21,323 20,427 20,403 18,225 16,165 22,591 18,736 16,674 18,081 20,072 15,632 16,717 16,756 15,076 19,452	1,000 gallons 270,062 270,062 282,195 282,064 298,521 313,051 315,662 326,036 411,427 476,428 519,155 563,155 638,158 716,228 777,736	811	,000 illons 666 879 938 1,147 968 1,185 956 577 710 803 801 607 886 867 811	3,3 3,0 1,0 3,7 2,2 2,1 2,4 1,6 2,8 2,8 3,1 1,7		1,000 gallons 417 1,127 806 1,416 1,427 1,244 749 967 3,291 900 2,196 5,396 4,727	3,202 5,355 4,805 3,628 6,147 4,695 3,870 4,014 5,696 4,638 5,506 7,007 9,682 8,036
			Expo	rts				Indicat	ed o	domes	tic cor	nsur	nption	
								Sirup	6					
Year	Corn	Edibi molas and siruj includ maple	ses o, ing	Hone	ey	Total	Corn	Mapi		Ca an refur sir an edil mola	ners up id ble	Н	loney	Total
1964 1965 1966 1966 1967 1969 1970 1971 1972 1973 1974 1975 1976 1977	1,000 gallons 1,033 1,038 1,113 1,544 2,166 1,324 1,324 1,200 1,377 1,736 1,674 1,544 1,599		ns 205	1,		1,000 gallons 2,897 2,169 2,257 2,099 2,225 3,002 2,012 1,964 1,551 2,861 2,122 1,467 2,070 2,009 2,373	1,000 gallons 237,200 251,296 254,747 272,456 279,831 290,676 386,675 449,887 496,571 601,146 613,824 693,653 750,118	2.1 2.4 2.1 1.5 2.2 2.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	112 145 114 126 171	gall 10 11 11 11 11 11 11 11 11 11 11 11 11	000 0ns 0,275 1,980 1,040 3,065 1,105 0,694 1,981 3,870 3,061 7,170 3,165 1,508 1,508		1,000 allons 20,980 20,388 19,990 18,655 16,908 23,002 18,797 17,001 21,026 19,488 17,442 20,297 21,968 20,006 23,500	1,000 gallons 270,66; 277,19, 284,74; 283,59; 302,44; 314,74; 317,52; 328,09; 415,57; 478,20; 522,53; 645,77; 722,25; 782,97;

¹Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

Economics, Statistics, and Cooperatives Service - Economics.

<sup>1970.

2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

2 Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

3 U.S. Department of Commerce molasses and sugar sirups series, less liquid sugar imports reported to Sugar Division, Agricultural Stabilization and Conservation Service.

4 Unofficial estimates, 1988-71 and 1978; estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

5 Preliminary.

6 Assumed to be largely refiners sirup. Beginning 1965, data not available because of change in export classification.

Table 137.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1964-78

	97		Pre	oduction in n	nainland ar	reas		Shipments from offshore domestic areas				
,	Year	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total		
		1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gailons	1,000 gallons	1,000 gallons		
1964		103,287	132.093	34,898	4.469	29,992	304,739	52,653	18,190	70.84		
1965		84,722	116,589	36,915	8.564	26,740	273,530	51.861	21,104	72.96		
1966		82,952	113,755	39,443	9,788	23,125	269,063	60.271	8.124	68,39		
1967		97,206	99,826	37,936	17,291	20,400	272,659	55,662	5,619	61,28		
1968		87,121	136,694	46,113	9,063	21,000	299,991	66,157	7,008	73,16		
1969		74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,20		
1970		86,037	160,100	46,600	11,808	22,000	326,545	56,937	3,193	60,13		
1971	******	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,54		
1972		125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,54		
1973		112,360	158,138	44,900	9,837	23,000	348,235	51,025		51,02		
1974	******	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,53		
1975		125,430	188,175	45,000	10,178	24,500	393,283	49,349		49,34		
1976	******	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,89		
1977 1978		114,651 112,432	172,627 160,000	50,668 44,558	5,183 4,250	39,700 38,200	382,829 359,440	42,144 51,589	******	42,14 51,58		

	U	nited States in	oreign countrie	es		Total	
Year	Brazil	Dominican Republic	Mexico	Other	Total	Mainland exports ²	market supplies available
1964	1,000 gallons 19,935 17,862 20,136 32,633 37,071 42,944 52,733 62,061 31,148 45,798 35,335 9,220	1,000 gallons 32,591 41,329 47,533 40,171 28,914 44,363 34,325 27,293 45,871 45,007 31,395 24,389 27,513 30,629 27,842	1,000 gallons 86,404 95,564 99,312 130,706 94,335 112,481 105,878 116,437 119,232 110,726 74,445 79,810 88,857 97,606	1,000 gulions 147,426 131,126 167,312 159,737 226,980 184,683 233,514 229,522 201,594 186,342 180,095 173,304 258,073 226,387 161,563	1,000 gnlions 266,421 288,016 314,157 350,548 368,091 361,663 381,568 403,314 384,277 303,286 411,194 381,206	1,000 gallons 4,339 2,536 1,586 996 3,077 2,992 1,447 1,718 3,082 4,680 12,645 6,110 11,215 22,892 20,290	1,000 gallons 637,864 611,975 650,029 683,492 738,170 719,150 767,087 775,086 828,435 797,894 755,251 739,608 829,725 783,289

Agricultural Marketing Service.

¹ Preliminary. ² Does not include exports from Hawaii and Puerto Rico.

Table 138.—Tobacco: Area, yield, production, and value, United States, 1964-78

	Year	Year Area harvested		Production 1	Season average price per pound received by farmers	Value of production
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977		Acres 1,077,810 1976,930 971,890 989,770 899,280 918,320 886,590 887,590 982,620 1,086,350 1,044,520 997,500	Pounds 2,067 1,898 1,999 1,945 1,964 2,203 2,076 1,965 2,077 2,008 2,045 1,997 2,135	J,000 pounds 2,227,932 1,854,568 1,884,627 1,967,911 1,710,348 1,803,722 1,906,453 1,744,814 1,749,085 1,749,025 2,181,775 2,135,829 1,912,114 2,026,124	Cents 59.2 65.1 70.9 66.8 69.5 71.8 72.9 90.1 108.6 102.6 112.5 118.6 132.4	1,000 dollars 1,318,941 1,207,732 1,252,351 1,315,550 1,186,511 1,296,532 1,399,311 1,395,641 1,451,277 1,569,441 2,159,877 2,238,000 2,403,722 2,268,359

¹ Production figures are on farm-sales-weight basis.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 139. - Tobacco: Area, yield, and production, by States, 1976-78

State	Ar	ea harveste	d	Yield p	er harveste	d acre		Production	
State	1976	1977	19781	1976	1977	19781	1976	1977	1978 1
							1,000	1,0000	1,000
Ala	Acres 640	Acres 550	Acres 520	Pounds 1,800	Pounds 1,900	Pounds 1.870	pounds 1.152	pounds	pounds 971
Conn	4,550	3,500	3,200	1,580	1,606	1,547	7,189	1,045 5,620	4.950
Fla	14,350	11.840	10,500	2,148	2,094	2,100	30.828	24,796	22.050
Ga	68,000	65,000	61,000	1,820	2,075	2,060	123,760	134,875	125,660
nd	7,500	6,900	6,600	2,420	2,400	2,350	18,150	16,560	15.510
Ky	207,000	196,750	194,500	2,403	2,297	2,415	497,401	452,024	489,65
	140	140	130	700	850	900	98	119	11'
Md	23,000	23,000	23,000	1,300	1,310	1,400	29,900	30,130	32,20
Mass	1,210	1,160	1,030	1,525	1,643	1,416	1,845	1,906	1,45
Мо	2,400	2,600	2,400	2,190	2,385	2,280	5,256	6,201	5,47
N.C	448,000	392,600	398,700	2,015	1,896	2,131	902,930	744,525	849,43
Ohio	11,100	10,200	9,900	2,103	2,162	2,258	23,343	22,053	22,35
Ra	13,500	13,500	13,000	1,750 2,045	1,940 2,040	1,940	23,625	26,190 136,720	25,22
	75,000 68,450	68,000 68,460	71,000 66,850	2,040	1,997	2,120 2,126	153,375 139,668	136,746	150,52 142,09
Va	86,780	79,700	73,130	1,773	1,794	1,848	153,878	142,985	135,15
W.Va	1,800	1,600	1,500	1,790	2.020	1,800	3,222	3,232	2,70
Wis	11,100	12,000	12,100	1,821	2,032	1,702	20,209	24,385	20,600
U.S	1,044,520	957,500	949,060	2,045	1,997	2,135	2,135,829	1,912,114	2,026,124

¹ Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, $1976\!-\!78$

	Ar	ea harvest	ted	Yiel	d per hect	are	1	Production	2
Continent and country	1976	1977	19781	1976	1977	19781	1976	1977	19781
North America: Canada Cotta Rica Cuba Dominican Republic El Salvador Gustemala Hatti Honduras Jamaica Mexico Nicaragua Panama Trinidad-Tobago United States (incl.	Hec- tares 38,254 2,334 68,798 68,798 24,870 1,464 5,922 251 3,800 7779 39,423 1,114 850 300	Hec- tarres 43,971 2,246 60,000 28,200 1,379 5,403 312 4,373 37,600 1,756 950 94	Hec- tares 48,656 2,244 60,000 40,100 1,300 5,298 320 5,722 689 43,900 1,800 1,000 95	Kilo- grams 2,343 1,272 771 1,386 1,740 1,502 1,088 1,658 1,308 1,632 1,403 1,465 997	Kilo- grams 2,371 1,419 750 1,372 1,431 1,581 1,247 1,411 1,118 1,710 1,582 1,514 1,691	Kilos rams 2,358 1,430 767 1,424 1,462 1,449 1,250 1,161 1,546 1,549 1,867 1,500 1,684	Metric tons 89,641 2,970 83,071 34,472 2,548 8,896 273 6,300 1,019 64,340 1,563 1,245 299	Metric fons 104,275 3,186 45,000 38,700 1,974 8,543 389 6,169 6,169 2,778 1,438 1,59	Metric fons 114,74' 3,210' 46,000 57,100 1,900 7,67' 400 6,644 1,06 68,000 1,500 16
ruerto Rico,	417,519	388,628	83,613	2,263	2,237	2,374	944,776	869,251	910,86
Total	605,678	575,608	594,737	2,000	1,993	2,055	1,211,413	1,146,940	1,222,267
South America: Argentina Brazil Bolivia Chile Colombia Ecuador Guyana Paraguay Peru Uruguay Venezuela	88,000 241,040 2,200 4,240 31,800 1,720 53 29,350 5,100 1,050 11,300	75,000 261,000 2,005 3,931 33,183 1,182 96 21,100 2,600 998 10,727	74,900 256,000 2,100 4,189 32,592 1,200 95 21,000 2,900 1,100 10,000	1,060 1,050 1,182 1,840 1,381 1,098 2,189 1,128 980 1,429 1,416	1,100 1,188 1,132 2,065 1,762 1,528 938 1,265 1,265 1,267 1,430 1,407	830 1,285 1,085 2,146 1,915 1,583 947 1,238 1,241 1,409 1,500	93,267 253,024 2,600 7,800 43,900 1,888 116 33,113 5,000 1,500 16,000	82,530 310,000 2,270 8,080 58,461 1,906 90 26,700 3,190 1,427 15,089	62,141 329,000 2,300 9,000 62,422 1,900 9,000 1,556 15,000
Total	415,853	411,822	406,076	1,102	1,238	1,263	458,208	509,643	513,000
Europe: Belgium France Germany, Fed. Rep. of Italy	500 21,705 3,885 59,740	469 22,053 3,760 58,808	480 20,393 3,630 57,440	3,200 2,608 2,522 1,818	3,339 1,976 2,336 1,865	3,200 2,697 2,462 1,877	1,600 56,600 8,937 108,600	1,566 43,586 8,783 109,706	1,536 55,000 8,936 107,846
Total EC	85,830	85,090	81,943	2,058	1,923	2,115	176,598	163,641	173,312
Austria Canary Islands Greece Portugal (incl. Azores) Spain Switzerland	236 511 120,569 830 17,028 796	245 90 104,491 799 14,624 739	250 100 104,009 850 17,330 740	2,373 1,121 1,050 1,051 1,644 2,261	2,367 1,067 1,138 1,243 1,474 1,691	2,360 1,420 1,091 1,235 1,829 2,162	560 573 126,630 872 28,000 1,800	580 96 118,938 993 21,556 1,250	596 142 113,470 1,056 31,700 1,600
Total Western Europe	225,800	206,078	205,222	1,484	1,490	1,568	335.033	307,054	321,864
Albania Bulgaria Csechoslovakia Germany, Dem. Rep. of Hungary Poland Romania Yugoslavia	24,000 120,000 3,700 4,500 16,000 59,400 54,000 66,000	24,000 122,000 3,600 2,900 16,000 54,893 51,000 65,377	24,000 124,000 3,500 2,900 16,500 43,747 50,000 58,000	542 1,208 1,432 1,556 1,000 1,686 833 1,227	542 967 1,361 1,793 1,513 1,593 922 1,055	542 1,371 1,543 1,724 1,515 1,419 900 1,034	13,000 145,000 5,300 7,000 16,000 100,160 45,000 81,000	13,000 118,000 4,900 5,200 24,200 87,450 47,000 69,000	13,000 170,000 5,400 5,000 25,000 62,080 45,000
Total Eastern Europe	347,600	339,770	322,647	1,187	1.085	1,195	412,460	368,750	385,488
Total Europe	573,400	545,848	527,869	1,304	1,238	1,340	747,493	675,804	707,349
Soviet Union	183,000	182,000	182,000	1,585	1,659	1,648	290,000	302,000	300,000
Africa: Algeria Angola Burundi-Rwanda Cameroon Congo, Republic of Ghana Ivory Coast Kenya Libya Madagascar	10,700 6,000 2,023 6,900 4,000 3,541 8,400 840 932 5,575	9,000 3,000 2,000 6,900 4,000 1,300 8,400 2,862 930 5,880	9,100 3,000 2,000 6,900 4,100 1,330 8,500 2,900 950 5,900	561 1,142 785 870 425 1,022 298 298 1,606 1,166	1,000 800 870 425 603 298 573 1,613 894	451 1,000 800 870 439 602 353 586 1,632 898	6,000 6,850 1,588 6,000 1,700 3,619 2,500 2,500 1,497 6,500	4,000 3,000 1,600 6,000 1,700 784 2,500 1,639 1,500 5,255	4,100 3,000 1,600 6,000 1,800 3,000 1,700 1,556 5,300

Table 140.—Tobacco: Area, yield per hectare, and production in specified countries, 1976-78—Continued

Continued and an or	Ar	ea harvest	ed	Yiel	d per hect	are	1	roduction 1	1
Continent and country	1976	1977	19781	1976	1977	1978 1	1976	1977	19781
30.0	Hec	Hec-	Hec	Kilo-	Kilo	Kilo-	Metric	Metric	Metric
Africa — Continued	tares	tares	tares	ATRIDA	grams	grams	tons	tons	tons
Malawi	64,380	72,000	81,904	592	742	678	38,137	53,400	55,509
Mauritius	397	400	450	1.562	1.550	1.444	620	620	65
Morocco	3,500	4.662	5,450	1.143	1.024	1.156	4.000	4,776	6.30
Mozambique	2.520	2,500	2,600	1,071	1.080	1.077	2,700	2,700	2.80
Nigeria	27,702	19,200	25,250	501	534	545	13,883	10,245	13.75
Sierra Leone	229	324	325	1,341	1,120	1.123	307	363	36
Southern Rhodesia	44,250	83,000	40,000	1,923	1,566	1,400	85,100	83,000	56,00
South Africa	38,731	45,628	46,000	846	915	1,058	32,760	41,739	48,66
Tanzania	29,100	27,150	30,800	543	783	784	15,800	21,262	24.15
Tunisia	3,000	4,020	4,000	1,333	1,091	1,100	4,000	4,387	4,40
Uganda	2,550	2,600	3,000	784	769	833	2,000	2,000	2,50
Zambia	8,485	5,900	5,200	877	1,000	770	7,442	5,900	4,00
Zaire	2,960	3,252	3,880	760	520	708	2,250	1,691	2,74
Total	276,715	284,908	293,539	887	913	854	245,503	260,061	250,69
Neia:									
Bangladesh	45,625	68,053	45,801	975	934	886	44,462	63,530	40.55
Burma	64,347	64,000	64,000	1.163	1.172	1.172	74,844	75,000	75.00
China: Mainland	780,000	780,000	780,000	1,256	1,250	1.250	980,000	975,000	975.00
Taiwan	8,000	9,992	8,552	2,250	2,471	2,588	18,000	24,695	22,12
Cyprus	1,700	599	936	500	574	588	850	344	55
India	380,000	431,600	475,000	1,000	960	905	380,000	414,200	430,00
Indonesia	172,000	181,500	149,100	465	418	471	80,000	75,900	70,30
Iran	14,069	13,226	20,745	1,065	1,227	1,157	14,980	16,227	24,01
Iraq	17,400	16,800	16,500	600	571	576	10,432	9,600	9,50
Israel	1,400	1,000	1,000	893	800	800	1,250	800	80
Japan	63,278	64,246	63,617	2,611	2,697	2,713	165,220	173,249	172,60
Jordan	4,900	3,270	3,070	296	262	267	1,450	857	80
Kampuchea	12,140	12,000	14,000	598	608	629	7,257	7,300	8,80
Korea, Dem. Peo. Rep.									
of	26,000	28,000	30,000	769	821	833	20,000	23,000	25,00
Korea, Rep. of	54,745	62,802	64,410	1,980	2,301	2,150	108,406	144,532	138,49
Laos	6,879	7,000	7,000	587	586	586	4,037	4,100	4,10
Lebanon	7,500	3,500	4,000	1,373	1,429	1,375	10,300	5,000	5,50
Malaysia	12,141	9,499	12,372	523	766	784	6,351	7,275	9,70
Pakistan	40,772	50,512	56,449	1,742	1,437	1,446	71,033	72,580	81,64
Philippines	111,400	110,000	104,000	799	766	762	89,002	84,300	79,24
Singapore	274	321	350	1,336	1,402	1,429	366	450	350
Curio	9,915	13,886	14,650 14,300	684 717	813 749	814 769	6,579	11,284	11,90
Syria	146,655	15,348		497	460	443	17,542	11,500	11,00
Turkey	400,000	151,100 270,394	152,040 285,000	651	907	1.019	72,881 260,200	69,459	67,38 290,30
Vietnam	14,000	15,000	20,000	1,286	1,333	1,250	18,000	245,232 20,000	25,00
Total	2,419,590	2,383,648	2,406,892	1,018	1,064	1,072	2,463,444	2,535,414	2,579,83
Oceania									
Australia	9,400	9,404	8,845	1,660	1,789	1,786	15,600	16,820	15,80
New Zealand	1,780	1,775	1,770	1,886	1,801	2,034	3,357	3,197	3,60
Total	11,180	11,179	10,615	1,698	1,791	1,828	18,957	20,017	19,40
World total	4,485,416	4,395,013	4,421,728	1,212	1,240	1,265	5,435,018	5,449,879	5,592,58

¹Preliminary.

²Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachée and Foreign Service Officers, results of office research, and related information.

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970-78 (farm-sales-weight basis)

Type and		Yield	Pro-			Di	sappearan	ce	Av. price
crop year	Area	per acre	duction	Stocks 1	Supply	Total	Exports ²	Domestic	per pound to growers
Total flue-cured, types 11-14: 1970	Acres 584,070 525,790 513,620 575,130 616,330 717,200 666,640 589,250 589,020	Pounds 2,042 2,050 1,971 2,011 2,014 1,973 1,974 1,917 2,090	1,000 pounds 1,192,961 1,077,790 1,012,417 1,156,659 1,241,327 1,415,035 1,316,257 1,129,710 1,231,222	1,000 pounds 1,972,431 1,976,459 1,910,176 1,749,294 1,607,284 1,651,965 1,898,281 2,074,975 2,081,906	1,000 gounds 3,165,392 3,054,249 2,932,256 2,908,286 2,906,953 3,067,000 3,214,538 3,204,685 3,283,128	1,000 p.173,441 1 1,142,583 2 1,182,962 2 1,301,002 3 1,200,428 3 1,193,078 3 1,193,078 3 1,148,233 3 1,147,254	1,000 pounds 533,998 480,039 518,810 598,048 548,293 522,454 514,228 539,069	1,000 pounds 639,443 662,544 664,152 702,954 652,135 670,624 634,005 608,185	Cents 72: 77: 85: 88: 105: 110: 117: 135:
Cotal fire-cured, types 21 - 23: 1970 1971 1971 1972 1973 1974 1974 1975 1976 1976 1977 1978	22,680 24,510 25,190 21,320 21,190 23,380 26,500 32,760 33,200	1,635 1,775 1,677 1,566 1,504 1,601 1,453 1,598 1,755	37,074 43,511 42,248 33,385 31,867 37,435 38,516 52,366 58,260	73,639 62,213 64,481 64,885 52,200 48,077 50,023 47,893 59,678	110,713 105,724 106,729 98,270 84,067 85,512 88,539 100,259 117,938	48,500 41,243 41,844 46,070 35,990 35,489 40,646 40,581	32,971 22,193 26,363 28,661 20,791 21,927 27,503 20,433	15,529 19,050 15,481 17,409 15,199 13,562 13,143 20,148	54. 60. 58. 72. 91. 103. 138. 127. 111.
Virginia fire- cured, type 21: 1970 1971 1972 1973 1974 1975 1976 1977 1977	5,000 5,000 4,800 4,700 5,000 5,300 7,200 6,200	1,230 1,180 970 1,205 1,185 975 1,000 1,000	6,150 5,900 4,656 5,664 5,925 4,875 5,300 7,200 6,832	9,797 8,959 8,266 7,628 7,101 7,329 7,438 6,658 8,669	15,947 14,859 12,922 13,292 13,026 12,204 12,738 13,858 15,501	6,968 6,593 5,294 6,191 5,697 4,766 6,080 5,189	4,635 3,501 4,066 4,455 4,986 3,381 4,095 2,409	2,353 3,092 1,228 1,736 711 1,385 1,985 2,780	52 54 64 75 81 93 118 96
Kentucky and Tennessee fire-cured, types 22 - 23: 1970 1971 1972 1973 1974 1975 1976 1977 19784	17,680 19,510 20,390 16,620 16,190 21,200 25,560 27,100	1,749 1,928 1,844 1,668 1,734 1,772 1,567 1,767	30,924 37,611 37,592 27,721 25,942 32,506 45,166 51,428	63,842 53,254 56,215 57,257 45,099 40,748 42,585 41,235 51,009	94,766 90,865 93,807 84,978 71,041 73,801 86,401 102,437	41,512 34,650 36,550 39,879 30,293 30,723 34,566 35,392	28,336 18,691 22,297 24,206 15,805 18,546 23,408 18,024	13,176 15,959 14,253 15,673 14,488 12,177 11,158 17,368	93 104
3urley, type 31: 1970 1971 1972 1973 1974 1975 1976 1977 1978	216,400 213,500 235,550 222,100 260,750 278,150 285,800 268,600 261,000	2,590 2,213 2,552 2,028 2,350 2,265 2,376 2,298 2,399	560,545 472,576 601,006 450,416 612,649 639,056 678,976 617,280 626,263	1,342,703 1,345,830 1,248,469 1,229,175 1,070,668 1,094,385 1,160,102 1,217,225 1,218,439	1,903,248 1,818,406 1,849,475 1,679,591 1,683,314 1,733,441 1,839,078 1,834,505 1,844,702	557,418 569,937 3 609,629 3 619,223 3 586,718 3 602,271 3 617,428 3 611,318	54,729 75,616 86,759 67,902	503,004 515,208 534,013 532,464 518,816 509,849 500,593 494,829	80 79 92 113 105 114
Maryland, type 32: 1970 1971 1972 1972 1973 1974 1976 1976 1977	27,000 27,000 24,000 25,800 26,000 22,166 23,000 23,000	1,090 1,040 990 1,260 1,260 950 1,300 1,310 1,400	29,430 28,080 23,760 35,027 32,753 21,058 29,900 30,130 32,200	61,961 51,846 54,470 52,682 61,711 61,006 48,629 48,766 50,606	91,391 79,926 78,230 87,709 94,464 82,064 78,259 78,896 82,806	39,545 25,456 25,548 25,998 33,458 329,676 3 29,676 3 28,060 28,290	12,345 8,474 9,677 12,469 9,408	27,642 17,458 13,426 13,653 24,964 23,758 17,207 18,652 18,882	81 84 90 92 109 110 115

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970-78 (farm-sales-weight basis)—

Continued

Type and		Yield	Pro-			D	isappearan	ice	Av. price
crop year	Area	per acre	duction	Stocks 1	Supply	Total	Exporta ²	Domestic	per pound to growers
Total dark air-cured, types 35 – 37: 1970 1971 1972 1973 1974 1975 1976 1977 1978	Acres 9,250 9,450 9,050 8,250 7,680 8,680 9,930 11,950 11,960	Pounds 1,780 1,774 1,798 1,619 1,623 1,690 1,595 1,772 1,923	1,000 pounds 16,466 16,763 16,273 13,358 12,465 14,670 15,836 21,180 23,034	1,000 pounds 57,018 52,980 49,188 47,919 39,863 35,125 30,284 27,826 32,194	1,000 pounds 73,484 69,743 65,461 61,277 52,328 49,795 46,120 49,006 55,228	1,000 pounds 20,504 20,555 17,542 21,414 17,203 19,511 18,294 16,812	1,000 pounds 2,801 2,131 2,471 3,098 3,106 2,775 2,381 2,569	1,000 pounds 17,703 18,424 15,071 18,316 14,097 16,736 15,913 14,243	Cents 46.5 47.5 50.7 62.4 77.2 89.6 116.1 117.0
One sucker, type 35: 1970 1971 1971 1972 1973 1974 1976 1976 1977 1978	5,850 6,100 5,750 5,300 4,850 6,600 7,900 8,100	1,868 1,840 1,842 1,633 1,588 1,732 1,590 1,844 2,000	10,926 11,224 10,590 8,654 7,701 9,611 10,493 14,571 16,200	34,308 32,018 29,417 28,030 23,117 19,077 15,544 14,201 16,305	45,234 43,242 40,007 36,684 30,818 28,688 26,037 28,772 32,505	13,216 13,825 11,977 13,567 11,741 13,144 11,836 12,467	2,049 1,674 2,004 2,643 2,576 2,457 2,062 1,999	11,167 12,151 9,973 10,924 9,165 10,687 9,774 10,468	47.5 47.3 51.6 61.2 75.2 90.8 115.8 117.1
Green River, type 36: 1970 1971 1972 1973 1974 1976 1976 1977	2,400 2,450 2,500 2,250 2,150 2,400 2,650 3,250 3,150	1,850 1,820 1,950 1,680 1,800 1,825 1,730 1,760 1,890	4,440 4,459 4,875 3,780 3,870 4,380 4,585 5,785 5,954	19,383 17,816 16,772 16,685 13,772 13,757 12,668 11,858 14,055	23,823 22,275 21,647 20,465 17,642 18,137 17,253 17,643 20,009	6,007 5,503 4,962 6,693 3,885 5,469 5,395 3,588	508 273 253 220 268 140 65 443	5,499 5,230 4,709 6,473 3,617 5,329 5,330 3,145	42.5 46.4 47.4 63.8 80.1 88.3 118.6 117.6 101.6
Virginia sun-cured, type 37: 1970 1971 1972 1974 1975 1976 1977 1977 1977 1977 1977 1977 1978 1	1,000 900 800 700 680 750 680 800 730	1,100 1,200 1,010 1,320 1,315 1,150 1,115 1,030 1,205	1,100 1,080 808 924 894 679 758 824 880	3,327 3,146 2,999 3,204 2,974 2,291 2,072 1,767 1,834	4,427 4,226 3,807 4,128 3,868 2,970 2,830 2,591 2,714	1,281 1,227 603 1,154 1,577 896 1,063 757	244 184 214 236 262 188 254 127	1,037 1,043 389 919 1,315 710 809 630	53.4 54.57.5 69.3 82.85.1 105.0
Total continental cigar filler, types 41 - 44: 1970 1971 1972 1973 1974 1975 1976 1977 1977 1977 1977 1977 1977 1977	18,650 17,250 15,360 15,000 13,800 15,300 15,300 14,400	1,796 1,639 1,458 1,659 1,937 1,651 1,726 1,946	33,488 28,265 22,383 25,224 25,060 22,788 26,415 29,190 28,020	106,286 94,836 77,214 60,550 53,367 55,083 52,484 55,715 61,061	139,744 123,101 99,597 85,774 82,427 78,871 78,899 84,905 89,101	44,938 45,887 39,047 32,407 27,344 25,387 23,184 23,824	224 376 312 759 277 385 377 276	44,714 45,511 38,735 31,648 27,067 25,002 22,807 23,824 23,548	31.4 36.7 45.6 51.5 58.5 58.5 60.2
Pennsylvania seedleaf filler, type 41: 1970 1971 1972 1973 1974 1975 1976 1976 1977	17,000 15,200 13,000 13,000 12,000 12,000 13,500 13,500 13,500	1,949 1,610 1,610 1,400 2,000 1,650 1,750 1,940 1,940	30,600 24,472 18,200 22,100 26,000 19,800 23,625 26,190 25,220	97,266 86,998 70,179 53,720 47,513 49,211 46,788 49,741 54,085	127,866 111,470 88,379 75,820 73,513 69,011 70,413 75,931 79,305	40,868 41,291 34,659 28,307 24,302 22,223 20,672 21,846	224 376 312 759 277 385 377 276	40,644 40,915 34,347 27,548 24,025 21,838 20,295 21,570	31.1 36.1 46.1 52.1 56.1 60.1 60.1

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970-78 (farm-sales-weight basis)—

Continued

			u	ontinued					
Type and	-	Yield	Pro-			D	isappearar	nce	Av. price
crop year	Area	per acre	duction	Stocks 1	Supply	Total	Exports 3	Domestic	per pound to growers
Miami Valley (Ohio) filler, types 42 - 44: 1970 1971 1972 1973 1974 1976 1976 1978	Acres 1,650 2,650 2,350 2,200 2,000 1,800 1,800 1,500 1,400	Pounds 1,750 1,850 1,780 1,420 1,530 1,680 2,000 2,000	1,000 pounds 2,868 3,793 4,183 3,124 3,060 2,968 2,790 3,000 2,800	1,000 pounds 9,020 7,838 7,035 6,830 5,854 5,872 5,696 5,974 6,996	1,000 pounds 11,908 11,631 11,218 9,954 8,914 8,860 8,486 8,974 9,796	1,000 pounds 4,070 4,596 4,388 4,100 3,042 3,164 2,512 1,978	1,000 pounds	1,000 pounds 4,070 4,596 4,388 4,100 3,042 3,164 2,512 1,978	Cents 38.0 41.0 51.0 59.0 60.0 59.0 62.0 64.0
Puerto Rican filler type 46:4 1970 1971 1972 1973 1974 1976 1977 1978	3,200 4,806 5,635 4,500 2,650 3,225 3,200 2,300 2,300	1,397 1,400 843 1,444 1,477 1,343 1,272 1,705 1,478	4,471 6,728 4,752 6,500 3,914 4,330 4,069 3,922 3,400	19,283 14,984 12,671 9,192 10,046 6,099 7,222 6,380 6,432	23,754 21,712 17,423 15,692 13,960 10,429 11,291 10,302 9,832	8,770 9,041 8,231 5,646 7,861 3,207 4,911 3,870		8,770 9,041 8,231 5,646 7,861 3,207 4,911 3,870	38.1 39.8 42.1 41.2 44.5 49.7 57.6 90.2
Total cigar binder, types 51 – 55: 1970 1971 1972 1973 1974 1975 1976 1977 1978	10,470 12,210 12,360 11,760 10,860 12,520 12,610 13,380 13,620	2,041 2,075 1,714 1,841 1,851 1,796 2,007 1,706	21,368 25,332 21,187 21,647 21,007 23,175 22,633 26,847 23,235	42,252 44,294 46,653 45,478 42,843 41,806 43,521 44,340 50,018	63,620 69,626 67,840 68,125 63,850 64,981 66,154 71,187 73,253	19,326 22,973 21,362 25,282 22,044 21,460 21,814 21,169	343 96 109 101 207 274 159 144	18,983 22,877 21,253 25,181 21,837 21,186 21,655 21,025	53.1 56.1 51.3 62.2 76.0 76.9 76.9 76.5 88.4
Connecticut Val- ley broadleaf, type 51: 1970 1 1971 1 1972 1 1973 1 1974 1 1975 1 1976 1 1977 1	1,300 1,300 1,300 1,350 1,350 1,350 1,350 1,350	1,700 1,670 1,550 1,700 1,550 1,580 1,580 1,770	2,210 2,171 2,015 2,295 2,210 2,093 2,133 2,124 2,295	4,312 4,385 5,152 5,362 4,877 4,495 3,337 3,499 3,921	6,522 6,556 7,167 7,657 7,087 6,588 5,470 5,623 6,216	2,137 1,404 1,805 2,780 2,592 3,251 1,971 1,702	273 95 103 98 206 176 149 36	1,309	67.0 67.0 72.0 73.0 82.0 92.0 90.0 125.0
Connecticut Val- ley Havana Seed, type 52: 1970 1971 1972 1973 1974 1975 1976 1977 1978	370 310 260 210 160 170 180 180	1,950 2,080 1,850 1,850 1,850 1,819 1,819 1,880 2,000	722 636 481 389 326 281 291 338 340	2,699 2,766 2,286 2,123 2,121 1,671 922 845	3,421 3,402 2,767 2,512 2,447 1,962 1,213 1,183 1,339	655 1,116 644 391 776 1,030 368 184		655 1,116 644 391 776 1,030 368 184	61.0 62.0 72.0 82.0 98.0 87.0
Southern Wisconsin, type 54: 1970 1972 1972 1973 1974 1975 1976 1977 1978*	4,400 5,300 5,000 4,900 4,700 5,600 6,200 6,200	2,135 2,270 1,685 1,950 2,060 1,945 1,890 2,020 1,800	9,394 12,031 8,425 9,555 9,682 10,892 10,584 12,524	16,685 18,756 20,256 19,447 18,924 19,811 23,249 23,767	26,079 30,787 28,681 29,002 28,606 30,703 33,833 36,281 37,207	7,323 10,531 9,234 10,078 8,795 7,454 10,066 10,244		7,323 10,531 9,234 10,078 8,795 7,454 10,066 10,244	50.3 55.6 48.0 60.5 74.9 75.1 74.7

Table 141.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1970–78 (farm-sales-weight basis)—

Continued

Type and crop year	Area	Yield per acr	Pro-	Stock	1 Suppl		Disappeara	nce	Av. price per pound
		per acr	e ductio	"	Зарр	Total	Exports	Domestic	to
Northern Wisconsin type 58: 1970 1971 1972 1973 1974 1975 1976 1977 1978 1978	Acres 4,400 5,300 5,800 5,800 5,500 5,500 5,600 5,900	Pounds 2,05 1,98 1,77 1,77 1,87 1,83 1,75 2,04 1,60	5 9,04 0 10,49 0 10,26 5 9,40 8,78 9,90 9,62 11,86	9 pound 12 18,50 14 18,36 18,96 19,54 9 16,92 9 15,82 5 16,01 1 16,22	56 pound 56 27,55 57 28,86 59 29,25 66 28,96 21 25,71 29 25,73 3 25,63 9 28,06	b pounds 9,211 9,921 55 9,678 44 12,033 0 9,881 18 9,725 18 9,406 0 9,036	1 6 3 1 98	1,000 pounds 9,141 9,921 9,673 12,030 9,880 9,627 9,399 8,931	Cents 52.0 54.0 49.0 60.7 75.4 75.1 75.2 85.5 100.5
Total cigar wrapper, types 61 - 62: 1970 1971 1972 1973 1974 1975 1976 1977 1978 1978 1978 1978 1978 1978 1978	9,600 7,680 7,100 7,630 6,650 5,470 4,600 3,420 2,710	1,588 1,614 1,365 1,280 1,652 1,409 1,565 1,547 1,392	12,39 9,69 9,79 10,98 7,70 7,19 5,29	7 22,00 1 19,82 9 17,72 8 15,03 6 15,64 13,55	9 34,40 0 29,51 7 27,49 7 26,02 2 23,34 2 90,75	6 14,586 1 11,784 3 12,456 5 10,383 8 9,796 0 7,602 5,736	3,475 3,242 2,383 4,354	12,470 11,111 8,542 10,073 6,029 5,569 3,843 963	350.9 347.5 387.1 452.2 536.1 585.7 528.2 591.4
Consecticut Valley shadegrown, type 61: 1970 1971 1972 1973 1974 1976 1976 1977	6,050 4,700 4,050 5,000 4,800 4,350 4,250 3,280 2,710	1,535 1,635 1,250 1,210 1,625 1,371 1,585 1,544 1,392	9,287 7,683 5,063 6,050 7,798 5,963 6,610 5,064 3,773	13,888 13,168 10,748 8,503 9,470 7,544 8,918	21,571 18,231 16,798 16,301 15,431 14,154	8,403 7,486 8,292 6,831 7,889 5,236 4,707	961 2,702 2,804 1,853 3,904 3,783 3,336 4,213	6,657 5,701 4,682 6,439 2,927 4,106 1,900 494	750.0 400.0 400.0 485.0 515.0 600.0 540.0 540.0
Georgia-Florida shadegrown type 62: 1970 1971 1972 1973 1974 1975 1976 1976 1977	3,550 3,980 3,050 2,630 1,850 1,120 350 140 0	1,590 1,582 1,517 1,413 1,724 1,556 1,680 1,630 0	5,645 4,714 4,628 3,716 3,190 1,743 588 228	9,181 8,121 6,652 6,982 6,534 6,172 6,008 4,230 3,429	14,826 12,835 11,280 10,698 9,724 7,915 6,596 4,458 3,429	6,705 6,183 4,298 4,164 3,552 1,907 2,366 1,029	892 773 437 530 450 444 423 540	5,813 5,410 3,860 3,634 3,102 1,463 1,943 489	750.0 270.0 262.0 280.0 350.0 400.0 400.0
	901,530 842,396 848,055 893,367 967,270 1,089,575 1,044,520 969,800 951,360	2,032 2,068 1,958 2,064 2,006 2,045 1,976	1,910,924 1,711,612 1,754,032 1,752,132 1,996,155 2,185,313 2,135,829 1,916,036 2,029,524	3,697,612 3,666,127 3,484,090 3,278,565 2,953,539 3,009,670 3,304,557 3,536,799	5,608,536 5,377,739 5,238,122 5,030,697 4,949,694 5,194,983	1,926,917 1,992,156 1,955,344 2,089,788 2,941,595 1,943,717 1,911,814 1,898,949	571,260 1 639,217 1 732,351 1 653,586 1 654,245 1	,228,218 ,320,896 ,316,127 ,357,437 ,288,009 ,289,472 ,233,998 ,205,756	72.8 78.5 83.0 90.1 108.6 102.6 112.5 118.6 132.1

I July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types.

2 Exports by rehandling trade included in totals of types from which they are made.

3 Disappearance adjusted for tobacco still on farms at end of marketing year.

4 Prelimitry.

Evaluated at 122.2 cents per pound.

5 Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

Includes Perique.

Economics, Statistics, and Cooperatives Service—Economics. Basic export data from the official reports of the Department of Commerce.

Table 142.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1975-79 (farm-sales-weight basis)¹

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11-14: 1975 1976 1977 1978 1979 Virginia fire- cured, type 21:	1,000 pounds 2,214,690 2,443,455 2,595,898 2,578,694 2,599,609	2,276,212	1,000 pounds 1,651,965 1,873,530 2,074,975 2,051,906	1,000 pounds 2,230,934 2,468,230 2,534,951 2,529,503	Miami Valley (Ohio) filler, types 42-44: 1975 1976 1977 1978 1979 Puerto Rican	1,000 pounds 5,044 4,805 4,694 5,415 6,566	1,000 pounds 7,542 7,029 6,939 8,166	1,000 pounds 6,683 6,334 6,596 7,786	1,000 pounds 5,872 5,696 5,974 6,996
type 21: 1975	7,998 8,514 8,053 8,746 9,728	9,705 9,629 8,649 12,644	8,852 8,582 8,381 10,529	7,329 7,438 6,658 8,669	filler, type 46: 2 1975 1976 1977 1978 1979 Connecticut	5,966 6,061 6,890 4,556 3,721	7,518 6,006 8,565 4,695	9,360 5,602 7,133 5,675	6,099 7,222 6,380 6,432
fire-cured, type 22: 1975 1976 1977 1978 1978 1979 Kentucky and Tennessee fire-cured,	34,655 28,950 32,651 28,677 33,051	48,111 51,928 45,169 54,045	42,547 45,185 42,123 52,298	36,137 38,270 34,906 43,590	Valley Broadleaf, Type 51: 1975 1976 1977 1978 1979 Connecticut Valley	4,625 4,100 3,324 3,938 4,333	4,942 4,259 3,788 4,091	5,155 3,835 3,747 4,471	4,495 3,337 3,499 3,921
type 23: 1975 1976 1977 1978 1979 Burley, type 31: 1975 1976	4,064 3,553 4,560 4,350 4,678 1,314,301 1,345,529 1,398,627	6,477 6,505 6,962 10,120 1,373,888 1,420,491 1,501,753 1,491,317	5,384 5,557 8,837 11,886 1,223,632 1,265,480 1,375,385 1,353,189	4,611 4,315 6,329 7,419 1,094,385 1,130,992 1,217,225	Havana Seed, type 52: 1975 1976 1977 1978 1979 Southern Wisconsin,	2,080 1,686 1,148 1,114 972	2,234 1,414 1,068 1,195	2,161 1,367 885 983	1,671 922 845 999
1978 1979 Maryland, type 32: 1975 1976 1977	1,494,960 1,489,696 51,703 53,634 41,859 45,325	45,387 48,863 37,988 40,756	67,284 57,762 54,248 63,353	61,006 48,629 48,766 50,606	type 54: 1975 1976 1976 1977 1978 1979 Northern Wisconsin,	16,911 17,278 20,728 21,797 26,037	25,031 25,394 29,153 30,321	22,248 23,070 26,971 28,096	19,811 23,249 23,767 26,047
1979 One Sucker, type 35: 1975 1976 1977 1978 1979	21,352 18,928 16,175 16,557 16,777	24,340 20,727 18,398 19,966	22,377 19,453 17,771 18,391	19,077 15,544 14,201 16,305	type 55: 1976	15,355 16,290 13,539 17,178 17,793	20,214 22,534 18,822 23,435	17,894 20,934 18,096 22,255	15,829 16,013 16,229 19,051
type 36: 1975	13,533 13,389 11,308 12,776 14,171	16,327 16,301 14,318 19,876	15,351 14,018 14,010 18,297	13,757 12,668 11,858 14,055	grown, type 61: 1975 1976 1977 1978 1979 Georgia and Florida	11,517 11,493 10,662 8,455 8,535	12,220 10,138 10,948 9,915	9,470 7,544 8,917 9,275	10,158 8,829 9,492 7,747
type 37: 1975 1976 1977 1978 1978 1979 ennsylvania Seedleaf, type 41:	3,086 2,294 2,186 1,944 2,319	2,672 2,318 2,140 2,047	2,464 2,210 2,089 1,947	2,291 2,072 1,767 1,834	Florida Shade- grown, type 62: 1976 1977 1978	7,275 7,898 4,993 3,962 2,566	7,121 6,290 3,934 3,655	6,172 6,008 4,230 3,429	5,978 5,337 4,263 3,114
1975 1976 1977 1978 1979	41,047 43,726 42,948 45,648 53,158	57,420 58,344 56,739 64,991	54,569 52,119 53,368 57,037	49,211 46,788 49,741 54,085	Perique, type 72: 1976 1976 1977 1978 1979	711 546 593 545 511	484 553 574 593	561 501 529 558	482 459 531 555

Table 142.-Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1975-79 (farm-sales-weight basis) 1 - Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Other miscel- laneous domestic, type 73: 1976 1977 1978 1979 Foreign-grown cigar-leaf, types 81 - 89: 1975	1,000 pounds 6,782 5,872 5,963 5,063 6,073	1,000 pounds 6,095 6,379 5,596 4,709	1,000 pounds 6,046 6,443 5,250 4,273	1,000 pounds 6,719 6,089 4,777 5,890	Poreign-grown cigarette and smoking tobacco, types 91-93-3 1975 1976 1977 1978 1979	1,000 pounds 547,994 568,430 637,256 598,403 636,196	1,000 pounds 567,410 628,348 596,783 603,675	1,000 pounds 622,505 618,995 591,878 627,713	1,000 pounds 568,538 646,447 605,764 610,951
1977	114,256 100,315 92,598	111,037 101,019	105,984 97,197	102,480 91,548					

¹Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.
²Stocks on the island of Puerto Rico are included.
³These tobaccos were previously grouped together and designated "type 90."

Agricultural Marketing Service.

Table 143.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1964-78

	Cig	pars	Cigar	rettes		Chewing	tobacco				
Year	Large, weighing more than 3 pounds per 1,000 1	Small, weighing not more than 3 pounds per 1,000		Small, weighing not more than 3 pounds per 1,000 ²	Plug	Twist	Pine- cut	Loose- leaf ³	Smok- ing tobacco	Snuff	Total chew- ing, smok- ing, and snuff
1964 1965 19665 19665 19667 1969 1970 1970 1971 1972 1973 1974 1975 1976 1977	Millions 8,737 7,899 7,165 6,859 7,184 6,937 7,095 6,722 6,033 5,664 5,284 4,524 4,178 3,922	Millions 974 441 445 434 523 743 933 1,135 4,022 4,415 3,099 2,942 2,246 1,828	Millions (4) (4) (4) (4) (10 1.0 1.1 5.7 7.1 1.1 1.9 2.0 1.4 1.3	Millions 539,908 556,806 567,264 576,183 579,493 557,647 583,250 576,425 599,070 644,245 635,017 651,211 693,389 665,864	1,000 pounds 25,852 24,651 24,285 23,741 22,926 23,349 21,987 20,588 19,569 18,575 18,009 18,145 16,6437	1,000 pounds 2,813 2,850 2,739 2,572 2,567 2,466 2,439 2,359 2,240 2,138 2,188 2,285 2,312 2,180	1,000 pounds 3,523 3,710 3,916 4,065 4,268 4,480 4,824 5,149 5,233 5,702 6,174 7,327 8,358 10,119	1,000 pounds 34,013 34,013 34,028 35,666 39,494 45,583 47,596 52,878 53,742 56,301	1,000 pounds 82,437 71,781 67,347 64,766 66,275 63,865 69,370 60,519 55,845 53,007 48,965 46,194 44,584 40,711	1,000 pounds 31,443 29,710 29,501 29,323 27,057 27,585 26,522 25,495 24,381 24,846 34,643	1,000 pounds 180,08 166,62 162,04 158,49 158,78 161,23 164,68 153,96 152,31 153,22 152,07 153,07

1 Cigars produced in bonded manufacturing warehouses are included.
3 "King size" cigarettes included in this category.
3 Formerly designated "Scrap."
4 Less than 500,000.
6 Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Agricultural Preliminary.

6 Preliminary.

Agricultural Marketing Service. Compiled from reports of the Bureau of Alcohol, Tobacco and Firearms, U.S. Treasury Department.

Table 144.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1964-781

Year		Cigarettes			Cigars ²	179		chewing. snuff ³			
	То	tal	Per capita	To	otal	Per capita	Total	Per capita	Total	Per capita	
964 985 986 987 988 989 970 971 972 973 974 975 976 977 978	Billions 511 529 541 549 546 529 536 550 567 590 599 607 614 617 616	Million pounds 1,123 1,163 1,147 1,136 1,133 1,082 1,056 1,111 1,126 1,142 1,138 1,090 1,099 1,086	Number 4,194 4,258 4,287 4,280 4,186 3,992 3,985 4,037 4,043 4,148 4,141 4,123 4,092 4,043 3,970	Billions 9.1 8.6 8.3 8.1 7.9 8.0 8.1 7.9 7.3 7.0 6.4 5.4 5.4	Million pounds* 162 157 149 143 139 138 138 138 130 111 101 92 88 82	Number 75 70 66 63 61 60 60 57 49 44 39 36 33 30	Million pounds 120 110 108 107 108 110 113 112 110 106 109 106 109 107 107	Pounds 0.99 .88 .86 .83 .83 .83 .82 .79 .75 .75 .75 .72 .73 .70 .89	Million pounds 1,406 1,429 1,404 1,385 1,380 1,301 1,310 1,350 1,362 1,291 1,294 1,294 1,294 1,294	Pounds 11.5: 11.5: 11.5: 11.5: 10.7: 10.5: 10.0: 9.6: 9.5: 9.6: 9.5: 9.4: 8.6: 8.4 8.2	

¹ Includes consumption by overseas forces

Weighing over 3 pounds per 1,000.

*Unstemmed-processing weight equivalent.

*Includes weight of small cigars.

*Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

Table 145. - Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1964-78

		Ciga	rettes			Cig	ars ³		
Year	Total	Domestic consump-	Tax-exempt removals ²		Total	Domestic consump-	Tax-exempt removals ²		
	output	tion 1	Total	Exports	output 4	tion 1	Total	Exports	
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions	
1964	539.9	497.4	42.6	25.1	9,566	8,959	193	4	
1965	556.8	511.5	44.2	23.1	8,841	8,513	180	51	
1966	567.3	522.5	46.1	23.4	8,243	8,175	193	7.	
1967	576.2	527.8	49.0	23.7	8,061	7,972	197	71	
1968	579.5	523.0	53.8	26.5	8,257	7,827	169	6	
1969	557.6	510.5	47.1	25.0	8,023	7,868	169	6	
1970	583.2	518.2	51.2	29.2	8,379	8,009	152	5	
1971	576.4	540.4	49.2	31.8	7,928	7,776	131	6 5 4 7	
1972	599.1	554.4	49.0	34.6	7,464	7,225	139		
1973	644.2	577.3	55.9	41.5	6,959	6,972	143	10	
1974	635.0	588.6	59.2	46.9	6,462	6,356	136	8	
1975	651.2	596.4	62.3	49.9	5,743	5,804	125	9	
1976	693.4	604.7	72.1	61.4	5,403	5,373	144	12	
1977	665.9	606.8	78.1	66.8	5,031	4,994	134	11	
19785	695.9	605.4	85.1	74.4	4,779	4,700	164	16	

¹ As indicated by taxable removals and imports, and estimated inventory changes.

² In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships stores.

³ Includes cigarillos but excludes small (approximately cigarette-size) cigars.

⁴ Includes cigars shipped to mainland United States from Puerto Rico.

⁵ Proliminary.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 146.-Tobacco: Price-support operations, United States, 1964-791

	Flue	cured, types 1	1-14		Burley, type 3	1	
Year		Put unde	r support 2		Put under support 2		
	Support price per pound	Quantity	Percentage of production	Support price per pound	Quantity	Percentage of production	
		Million	11		Million	100	
	Cents	pounds	Percent	Cents	pounds	Percent	
964	57.2	285	20.7	58.9	110	17.1	
965	57.7	71	6.8	59.5	42	7.	
966	58.8	75	6.7	60.6	63	10.	
967	59.9	282	22.6	61.8	64 56	11.	
968	61.6	128	12.9	63.5		10.	
969	63.8	97	9.2	65.8	158	26.	
970	66.6	144	12.2	68.6	47	8.	
971	69.4	56	5.2	71.5	(9)		
972	72.7	24 31 25	2.4	- 74.9	23	3.	
973	76.6	31	2.7	78.9	1		
974	83.3	25	2.0	85.8	3		
978	93.2	259	18.2	96.1	51	7.	
976	106.0	277	21.1	109.3	46	7.	
977	113.8	196	17.4	117.3	56	9	
978	121.0	64	5.3	124.7	467	4 10	
979	129.3	*********		133.3			

¹This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

²Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loams.

³Less than 500,000 pounds.

⁴Preliminary.

Agricultural Stabilization and Conservation Service.

Table 147.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1976-1978

Classification and country of origin	1976	1977	1978	Classification and country of origin	1976	1977	1978 1
Cigarette leaf:	Metric tons	Metric tons	Metric tons	Cigar wrapper:	Metric tons	Metric tons	Metric
Brazil	1,309	1.611	1,005	Honduras	152	134	146
Greece	9,821	7,545	12,005	Nicaragua	251	341	286
Yugoslavia	7,745	6,248	7,761	Cameroon	223	221	213
Lebanon	4,499	2,936	1,791	Other countries	110	68	92
Italy	11,920	11,143	6,655				
Turkey	42,774	39,661	40,978	Total	736	764	737
Korea, Rep. of	2,392	1,972	205				
Other countries	12,436	16,932	19,044	Scrap:			
Total	92.896	88.048	89,444	Dominican Republic	3,529 6,608	3,383	2,521
Total	92,696	88,048	89,444	Brazil	5,497	7,489	7.569
Cigar filler:	_			Turkey	2.277	2,920	2.984
Unstemmed:				Philippines	7.057	6.040	6,724
Dominican Republic	520	41	146	Other countries	13,147	17,427	23,064
Nicaragua	289	275	185	Other countries	10,141	11,421	20,004
Philippines	333	175	265	Total	38.115	48,726	54.011
Indonesia	553	328	789		00,110	40,140	04,011
Other countries	1.396	730	1.021	Stems:			
Stemmed:	2,000		41024	Dominican Republic	356	699	646
Honduras	297	324	347	Brazil	2.651	1.393	1.445
Mexico	120	143	162	Argentina	894	402	360
Dominican Republic	457	428	362	Other countries	960	723	2,219
Other countries	222	245	262		-	120	
Total	4.187	2.690	3.540	Total	4,861	3,217	4,670
TOTAL	4,187	2,690	3,540	Grand total	140,794	143,445	152,401

Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 148.—Tobacco, unmanufactured: International trade, 1975-77

I guiged -	19	75	19	76	197	71
Continent and country	Exports	Imports	Exports	Imports	Exporta	Imports
North America: Canada Costa Rica Cuba Dominican Republic	Metric tons 26,464 13 15,876 31,330	Metric tons 6,856 27 0 2,232	Metric tons 25,757 15 16,500 33,071	Metric tons 2,563 41 0 1,850	Metric tons 23,454 20 17,000 20,400	Metric tons 2,841 40 1,200
El Salvador Guatemala Haiti Honduras Jamaica Mexico Nicaragua	655 3,494 0 2,722 299 17,487 1,310	716 831 430 181 1,800 61 71	614 3,907 0 2,753 501 17,614 1,640	704 23 400 1 1,347 0 124	510 3,402 0 2,800 439 18,342 1,600	80 2 59 2 1,08
Panama Trinidad-Tobago United States (incl. Puerto Rico)	323 113 259,091	175 817 172,889	229 184 266,310	193 1,023 158,352	300 77 290,130	200 444 139,04
Total	. 359,177	187,086	369,095	166,621	378,474	146,67
South America: Argentina Brazil Bolivia Chile	. 101,196	136 313 800 6,810	27,359 106,648 0 0	136 300 800 1,379	23,748 108,111 0	114 197 1,000 2,253
Chile Colombia Ecuador Guyana Paraguay Peru	14,094 157 0 24,959 1,595	296 1,089 318 23	20,475 250 0 27,456 868	53 2,405 319 73 638	16,946 130 0 22,348 440	2,96 270 43
Surinam Uruguay Venezuela	. 0	1,080 360 3,574 297	0 0	223 3,516 76	0 0	3,50 30
Total	175,648	15,096	183,056	9,918	171,723	11,29
Europe: Belgium-Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy Netherlands Unted Kingdom	33,867 6,378 58,860	39,426 14,686 74,887 179,046 15,095 35,520 65,800 142,637	6,850 1,824 3,170 31,755 3,531 53,598 1,094 3,471	41,387 10,314 83,000 167,256 8,699 33,382 57,400 144,491	5,763 1,701 3,290 32,232 89 40,536 1,000 4,834	39,28 16,50 39,13 171,90 7,66 33,74 62,00 142,29
Total EC		567,097	105,293	545,929	89,445	512,52
Austria Canary Islands Finland Greece Maita-Goso Norway Portugal (incl. Azores) Spain Sweden Switzerland	58 91 0 48	11,468 20,418 8,686 341 428 5,746 8,339 36,885 12,273 27,435	622 253 0 55,677 86 0 0 0 189 4,637	10,022 32,888 6,554 469 278 5,960 10,797 38,522 11,635 26,176	550 100 0 53,144 30 20 0 0 119 5,057	12,570 19,933 6,25 600 400 6,355 12,386 40,46 11,01- 30,86
Total Western Europe	. 168,281	699,116	166,757	689,230	148,465	653,360
Albania Bulgaria Czechoslovakia Germany, Dem. Rep. of Hungary Poland Romania Yugoslavia	. 2,366 . 1,100 . 10,457 . 8,629	8,700 14,000 16,700 6,700 10,077 4,500 6,292	6,000 70,200 855 1,987 1,300 9,644 10,000 25,166	3,800 15,000 15,800 9,000 10,857 5,000 2,254	6,000 68,300 1,000 1,900 1,000 8,153 10,000 20,000	4,000 15,500 16,000 8,500 6,553 6,000 2,000
Total Eastern Europe	. 124,754	66,969	125,152	61,711	116,353	58,55
Total Europe	. 293,035	766,085	291,909	750,941	264,818	711,91
Soviet Union	1,797	87,753	1,401	74,081	1,047	78,07
Africa: Algeria Angola Burundi-Rwanda	320 2,000	8,000 140	320 2,000	6,636 150	500 2,000	6,00 15

Table 148.—Tobacco, unmanufactured: International trade, 1975-77—Continued

Continue of the continue of th	19	75	197	76	197	71
Continent and country	Exports	Imports	Exports	Imports	Exports	Imports
	Metric	Metric	Metric	Metric	Metric	Metric
rica Continued	tons	tons	tons	tons	tons	tons
Cameroon	2,463	1,917	2,231	1,186	2.200	1.20
Congo, Republic of	340	870	100	1,000	100	1,20
Egypt	0	25,888	0	22,966	0	29.03
Ghana vory Coast	238	787	120	550	200	1.00
vory Coast	0	1,934 2,396	0	3,050	30	3,40
Kenya	2	2.396	2	4,701	2	1,53
iberia	10	335	o l	347	40	33
Libya	0	1,400	ő	1,400	0	1.45
Madagascar	2,000	170	2,000	200	2,100	20
Malawi	34,893	4,536	35,800	4.500	38,000	4.50
Mauritius	0	130	00,000	110	0	12
Morocco	19	6,923	32	7,240	20	9,08
Mozambique	375	360	400	350	300	40
Nigeria	0	713	400	973	300	40
Senegal		113	80,000	9/3	60,000	44
Senegal Sierra Leone	15,000	2,660	80,000	2,000		
Southern Rhodesia	ő	862	0		0	2,10
South Africa	6,190	10,046	7,208	865	0	1,11
Canzania	10,477	141	1,208	13,964	6,065	8,11
		141	15,762	11	12,000	
Punisia		5,132	771	2,829	0	6,0
Uganda	1,277	0	1,066	36	900	1
ZaireZambia	5,394	0	4,596	0	3,536	
Lambia	0	2,927	0	1,955	0	5,54
Total	141,001	78,267	152,408	77,019	127,993	82,76
in:						
Bangladesh	0	9.072	0	10,000	0	50
Burma	ő	1,016	30	1,000	0	1.00
China:	0	1,010	30	1,000	0	1,00
Mainland	32,000	0	34,000		27 000	
		8.535		0	35,000	
Taiwan	4,111		4,140	10,377	4,297	11,21
yprus	0	1,246	10	2,151	62	2,72
Hong Kong	446	3,940	8,195	10,177	4,514	7,88
HILLIAN	/8,203	100	79,600	161	75,000	2
ndonesia		8,441	20,345	9,363	25,786	9,4
ran		0	210	1,200	300	1,54
raq		1,411	0	1,000	0	1,50
srael	54	3,588	0	4,463	0	5.00
Japan	238	95,989	18	94,193	18	85,9
Jordan	11	592	6	884	0	1.0
Kampuchea	0	907	0	1,000	0	2.0
Korea, Dem. Peo. Rep. of	3,000	0	800	0	1.000	
Korea, Rep. of	44,258	2,374	42,133	6,306	48,549	6,7
Kuwait	170	490	200	500	215	5
ebanon	. 0	1.360	0	1.500	0	1.5
Lebanon	2.844	2.449	979	0	6,220	7
Malaysia	208	2,449 5,389	192	3,519	147	6,4
Pakistan	10,517	108	12 247	363	11.340	1
Philippines	38,126	108 6,140	12,247 27,789	9,314	11,340 25,680	10,4
Singapore	223	9,829	142	6,597	209	6,3
Singapore	583	732	465	780	680	9,3
Suria	4,564	5.044	4,690			2,2
Syria	17.500			6,184	1,457	2,2
Purkey	17,582 65,639	8,907	22,027	7,315	17,836	11,3
Vietnam	60,639	0	75,153	0	61,835	
Vietnam		2,000 3,175	1000	3,000 3,200	1,000	4,00 3,30
Total		182,834	334,371	194,547	321.145	184.30
eania						300,00
Australia 3	500	14,212	229	9,172	645	11,49
Australia ²		3,613	0	3,654	0	3,50
Total	500	17,825	229	12,826	645	15,00

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

² July - June year.

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1976-78

Types and country of destination	1976	1977	19781	Type and country of destination	1976	1977	19781
	Metric	Metric	Metric		Metric	Motric	Metric
Total unmanufactured:	tons	tons	tons	Flue-cured — Continued Thailand	tons	tons 5,262	tons
Canada	570	2,114	1,917	Thailand	8,624		5,260
Panama	398	300	309	Australia	3,312	4,710	4,377
Jamaica Dominican Republic	793	641	650	New Zealand	3,312 1,702	1,708	1,158
Dominican Republic	1,169	1,307	1,574	Other countries	11,413	17,519	13,674
Chile	483	793	867 1,933				
Ecuador	1,560	2,027	1,933	Total	171,791	186,758	206,279
Belgium and							
Luxembourg	3,395	4,742	7,646	Buriey:			-
France	3,753	2,853	4,445	Chile	157	291	324
France Germany, Fed. Rep. of Italy Netherlands Austria	33,423 15,041	35,767 18,432	24,125 18,592	Chile Belgium and Luxembourg	140	200	-
Italy		18,432	15,592	Luxembourg	148	393	700
Netherlands	11,213	13,852	15,503	France Germany, Fed. Rep. of	401	6,333	151
	1,919	1,795 7,659	1,574	Germany, Fed. Rep. of	6,210	6,333	3,687
Denmark	4,084 2,836	2,396	3,523	Italy Netherlands	6,522	7,453 754	8,716 1,156
Finland	2,830		2,382	Netherlands	110		1,156
Ireland	3,497 2,517	2,434 2,701	1.912	Austria		67	1,74
Norway	2,517	2,701	1,912	Denmark	512	783	1,74
Portugal	2.111	1,246	9.043	Namand	393	282 167	39 13
Spain	6,394		7.063	Dortug	112		13
Sweden	11,004	5,357	7,951 11,893	Contugal		726	1.50
Sweden Switzerland United Kingdom	11,024 32,572	13,045 21,242	67,503	Norway Portugal Sweden Switzerland	1,032	817 2,913	3,10
Libera	1,327	723	67,503	Switzerland	1,300	1,200	3,10
Libya	5,043	12,119	11.115	Syria Hong Kong Japan Philippines	1,300	3000	22
Egypt Canary Islands	2,433	3,430	4,672	lones	164 4,655	3,770	4,68
Comerces	743	906	775	Dhilipping	3,093	2,463	1,93
Cameroon Ghana Nigeria	1.035	917	644	Thailand	1 247	1,960	2,99
Nicorio	497	254	702	Other countries	1,247 3,685	1,981 5,277	9.68
	899	3,414	373	Other countries	3,000	0,211	9,00
Zaire	639	935	535	Total	30,778	35,876	41,29
China Taiman	5,586		11 704	Total	30,110	30,010	41,20
Hong Kong	1,243	9,364 1,354	11,704 1,256	Dark-fired Kentucky-			
Hong Kong	3,248	4,459	4,469	Dark-fired Kentucky-			
Lones	60,200	61,429	46.385	Tennessee: Belgium and			
Malauria	60,208	5,574	4,566	Luxembourg	216	474	94
Dhilippings	5,917	7,010	6,304	Propose	1,205	644	1,08
Israel China, Taiwan Hong Kong Korea, Rep. of Japan Malaysia Philippines Singapore	1,095	1,207	1,066	France Germany Fed. Rep. of .	64	96	19
Theiland	9,871	7 242	8,257	Teals:	65	460	13.
Coming	4,748	7,243 1,202	0,207	Italy	4,165	5.342	23 6,55
Australia	4,691	6,435	5,602	Denmark	17	109	5
New Zealand	2,238	2.251	1,670	Incland	5	0	
Singapore Thailand Syria Australia New Zealand Other countries	9,079	11.868	1,670 11,766	Ireland	84	39	
Other countries	3,013	11,000	11,700	Norway Canary Islands	1	9	
Total	262,234	285.131	317,527	Sweden	359	205	35
		- Landiana		Switzerland	292	230	27
lue-cured:				United Kingdom	20	3	
Panama	299	257	240	Morocco	34	0	
Jamaica	725	565	571	Morocco Tunisia	0	0	3
Chile	323	499	543 729	Cameroon	228	338	20
Ecuador Belgium and Luxembourg	937	1,951	729	Zaire	183	191	25
Belgium and	1			Other countries	449	522	71
Luxembourg	2,242	2,945	5,421				
France Germany, Fed. Rep. of . Italy . Netherlands	815	1,015	2,157 16,054	Total	7,387	8,662	10,2
Germany, Fed. Rep. of .	22,740	25,742	16,054			+	
Italy	7,777	10,291	9,535	Black Fat:			
Netherlands	6.236	6,910	6.612	Cameroon	256	115	11
Austria Denmark Finland Ireland	1,392	1,372	1,285	Benin	615	525	36
Denmark	2,514	1 4,740	7,359	Nigeria	216	160	2
Finland	1,960	1,585	2,132	Togo	178	154	16
Ireland	2,095	1,488	1,918	Other countries	222	275	21
Norway	1,843	1,868	1,120		_	_	
	0	175	0	Total	1,487	1,229	1,17
Portugal	2,089	1,926	7,876				
Norway Portugal Spain		2,838	3,905	Dark-fired Virginia and			
Portugal	3,241	4.017	3,859	sun-cured:			
Portugal	4,137		49,354	Germany, Fed. Rep. of	244	283	18
Portugal	3,241 4,137 23,246	15,576	49,304	D	160	0	
Portugal Spain Sweden Switzerland United Kingdom Libya	3,241 4,137 23,246 1,061	15,576 558	0	Egypt			
Spain Sweden Switzerland United Kingdom Libya Egypt	3,241 4,137 23,246 1,061 3,439	15,576		Austria	64	0	
Spain Sweden Switzerland United Kingdom Libya Favort	3,241 4,137 23,246 1,061 3,439 3,448	15,576 558 8,108	7,455	Austria	64	0	
Spain Sweden Switzerland United Kingdom Libya Egypt	5,586	15,576 558 8,108 1 9,364	7,455 0 11,588	sun-cured: Germany, Fed. Rep. of Egypt Austria Yugoslavia Norway	64	583	
Spain Sweden Switzerland United Kingdom Libya Favort	5,586	15,576 558 8,108 1 9,364	7,455 0 11,588	Austria Yugoslavia Norway Sweden	64 0 385	583	54
Spain Sweden Switzerland United Kingdom Libya Egypt Syria China, Taiwan Hong Kong	5,586 767 97	15,576 558 8,108 1 9,364 971	7,455 0 11,588 894	Austria Yugoslavia Norway Sweden Switzerland	64 0 385 198	583 124	54 21
Spain Sweden Switzerland United Kingdom Libya Egypt Syria China, Taiwan Hong Kong	5,586 767 97	15,576 558 8,108 1 9,364 971 455 42,558	7,455 0 11,588 894 343	Austria Yugoslavia Norway Sweden Switzerland United Kingdom	64 0 385 198 77	583 124 356	54 21
Spain Sweden Switzerland United Kingdom Libya Egypt Syria China, Taiwan Hong Kong Indonesia Japan	5,586 767 97 41,001	15,576 558 8,108 1 9,364 971 455 42,558	7,455 0 11,588 894 343 32,731	Austria Yugoslavia Norway Sweden Switzerland United Kingdom Czechoslovakia	385 198 77 35	583 124 356 123	50 25
Spain Sweden Switzerland United Kingdom Libya Egypt Syria China, Taiwan Hong Kong Indonesia Japan	5,586 767 97 41,001	15,576 558 8,108 1 9,364 971 455 42,558 4,368	7,455 0 11,588 894 343 32,731 4,213	Austria Yugoslavia Norway Sweden Switzerland United Kingdom Caechoslovakia Other countries	385 198 77 35 34	583 124 356 123 11	56
Spain Sweden Switzerland United Kingdom Libya Egypt Syria China, Taiwan Hong Kong	5,586 767 97 41,001	15,576 558 8,108 1 9,364 971 455 42,558	7,455 0 11,588 894 343 32,731	Austria Yugoelavia Norway Sweden Switzerland United Kingdom Czechoslovakia Other countries	385 198 77 35	583 124 356 123	5 2

Table 149.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1976-78—Continued

Type and country of destination	1976	1977	19781	Type and country of destination	1976	1977	1978 1
Marlyand: Belgium and Luxembourg	Metric tons	Metric tons	Metric tons	Cigar filler: France	Metric tons 124 43	Metric tons 88	Metric tons 51
Germany, Fed. Rep. of . Netherlands	1,011	409 28	749 41	Other countries	16	61	38
Norway Egypt Spain Switzerland Other countries	93 124 0 1,834 299	11 84 102 2,067 239	169 0 2,315 1,107	Perique: Canada Germany, Fed. Rep. of	183	149	89
Total	3,783	3,473	4,806	United Kingdom	20 11	6 0 24	0
One sucker: Belgium and				Australia	7	11 2	9
Zaire	30 64	0 0 38	70 38	Total	48	46	21
Total	95	38	108	Trimmings, stems, and acrap: Canada	424	1.925	1.558
Green River: Belgium and Luxembourg United Kingdom Zaire Other countries	0 15 36 3	1 23 0 0	7 27 53 134	Italy	678 44 12 159 39	228 37 0 0 33	107 0 20 6
Total	54	24	221	France	357 926	361 885	850 942
Cigar wrapper: Canada Jamaica Dominican Republic Belgium and Luxembourg Germany, Fed. Rep. of Netherlands	85 23 800 20 97 273	26 26 880 5 164 296	23 41 1,139 2 54 144	Germany, Fed. Rep. of Netherlands Austria Denmark Finland Ireland Norway Sweden Switzerland	3,007 230 323 1,040 395 1,397 0 1,565 3,889	2,729 493 357 2,020 470 909 0 1,373 3,444	2,994 952 36 3,118 658 464 111 1,902 1,656
Canary Islands Nigeria United Kingdom France New Zealand Other countries	15 45 212 16 37	9 0 155 11 18	13 0 196 16 17	United Kingdom Libya Ghana Poland Hong Kong	8,986 266 167 499 312	5,220 161 151 914 183	12,785 0 107 248 138
Total	1,707	1,838	1,680	Japan Malaysia Egypt	14,530 321 579	15,101 1,107 2.380	8,974 303 2,158
Cigar binder: Canada Venezuela Dominican Republic	25 16	16	8 0	Singapore Australia New Zealand Other countries	405 778 495 1,618	426 1,304 499 2,594	418 976 496 2,836
Switzerland Other countries	71 12 10	42 12 3	7 2	Total	43,441	45,304	44,879
Total	134	73	17	1			

Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

CHAPTER III

STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

and poultry statistics. Lard data are mostly in the chapter on livestock.

Seven new tables have been added to this chapter with data for sunflower, peppermint oil, spearmint oil, and mint oil.

Table 150.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1964-78

		Harvested			Cottonseed			
	Year	area of cotton	Production	Total sales to oil mills			Price	Value of production
1964 1965 1966 1967 1968 1970 1971 1972 1973 1974 1978 1976		1,000 scres 14,054.6 13,612.7 9,552.6 7,997.3 11,051.1 11,155.0 11,470.9 12,983.8 11,970.2 12,546.6 8,796.0 10,913.5 13,275.3 12,370.0	1,000 tons 6,237 6,087 3,960 3,210 4,640 4,068 4,068 4,240 5,393 5,016 4,599,9 3,218.0 4,122.0 5,521.4 4,269,2	1,000 tons 5,929 5,836 3,743 3,017 4,441 3,863 3,832 4,007 5,153 4,720,7 4,220,6 2,863,6 3,768,1 4,832,1 4,832,1 3,918,0	1,000 tons 308 251 217 199 205 236 233 240 295,3 219,3 354,4 353,9 689,3 351,2	Dollars 47.10 46.70 85.90 55.20 41.10 56.40 9.50 136.00 97.00 133.00 70.30 114.00	1,000 dollars 293,84 284,41; 261,00 177,40 224,49; 167,25 229,60 240,93 267,13 501,13 611,21; 312,26 425,41; 388,03 485,37;	

¹ Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 151.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1976-78

Berner.	F	roductio	n	Total s	sales to o	il mills	1	Other ²		Price	for crop	of-
State	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	1978
	1.000	1,000	1.000	1,000	1,000	1,000	1.000	1.000	1.000			
	tons	tons	tons	tons	tons	tons	tons	tons	tons	Dollars	Dollars	Dollars
Ma	129	105	109	118	95	102	11	10	7	104.00	71.00	105.0
riz	347	445	450	319	350	366	28	95	84	105.00	75.00	102.0
\rk	294	400	241	270	360	224	24	40	17	105.00	73.50	117.0
alif	1,036	1,100	824	980	1,000	775	56	100	49	108.00	76.00	121.0
la	2.8	2.3	1.5	2.0	2.0	1.4	.8	.3	.1	116.00	77.00	125.0
la	70	30	43	64	26	40	6	4	3	98.50	58.50	108.0
(y	.3	.3	0	.3	.3	0	(3)	0	0	106.00	74.50	
	205	251	180	190	234	174	15	17	6	103.00	73.50	114.0
fiss	432	610	180 522 75	399	560	489	33	50	33	106.00	77.50	123.0
lo	67	94		60	84	69	7	10	6	99.00	67.50	97.0
lev	.7	.7	.7	.7	.7	.6	(3)	0	.1	105.00	78.00	110.0
. Mex	29	68	44	25	58 17	40	4	10	4	102.00	66.00	125.0
l.C	29 25 67	19	16	23 56		14	2	2	2	99.00	65.00	115.0
40	55	165	143	56	140	131	11	25	12	102.00	63.00	120.0
	91	42	43	51	39 91	40	4	3 9	3	99.00	68.00	111.0
	1.271	100	94	84		90	148		101	106.00	74.50	115.0
P	1,2/1	2,089	1,483	1,126	1,775	1,362	145	314	121	98.00	64.00	110.0
V M	.2	.1	(4)	.1	.1	(4)	3.1	0	0	100.00	71.00	100.0
U.S	4.122.0	5.521.4	4.269.2	3,768.1	4.832.1	3.918.0	353.9	689.3	351.2	103.00	70.30	114.0

¹Preliminary. ²Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses ³Kentucky, Nevada, and Virginia combined. ⁴36 tons.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

² Preliminary.

Table 152. - Cottonseed: Crushings and output of products, United States, 1964-77

w		С	ottonsee	d products				C	ottonsee	d products	
Year beginning August	Quantity crushed	Crude oil	Cake and meal	Linters 1	Hulls	Year beginning August	Quantity crushed	Crude oil	Cake and meal	Linters	Hulls
1964	1.000 tons 5,926 5,734 3,791 3,107 4,363 3,925 3,728	Million pounds 1,999 1,896 1,261 1,036 1,425 1,282 1,211	1,000 tons 2,770 2,695 1,801 1,450 1,985 1,835 1,729	1,000 running bales 1,656 1,580 1,103 935 1,306 1,234 1,147	905	1971 1972 1973 1974 1975 1977	1,000 tons 3,960 4,880 4,792 4,226 2,952 3,499 4,313	Million pounds 1,275 1,535 1,551 1,347 986 1,141 1,391	1,000 tons 1,794 2,224 2,176 1,885 1,315 1,570 1,980	1,000 running bales 1,145 1,341 1,341 1,341 1,269 847 983 741	1,000 tons 978 1,218 1,173 1,072 773 916 1,077

¹Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants.

²Preliminary.

Table 153.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1964-771

		Cott	onseed qu	ality anal	ysis ²					
Year beginning August	Oil	Am- monia	Linters	Mois- ture	Free fatty acids	Foreign matter	Quan- tity ³	Qual- ity ⁴	Average grade ⁵	Samples graded ⁶
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1964	18.4	3.98	10.4	10.6	0.9	1.1	102.07	96.5	100.5	91,88
1965	18.0	4.00	10.3	11.1	1.2	1.2	100.49	97.9	98.5	108,82
1966	18.2	3.97	10.8	10.7	.9	1.3	101.84	98.8	101.0	71,07
1967	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,83
1968	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67.25
1969	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62.52
1970	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	96.0	60,11
1971	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,96
19727	17.3	3.92		11.9	1.6	1.6	97.67	95.7	94.0	71.21
1973	18.0	3.94		11.0	1.3	1.4	100.81	96.7	98.0	62.50
1974	17.7	3.82		11.0	1.6	1.6	98.42	96.5	95.5	61.11
1975	18.0	3.75		10.6	1.4	1.6	99.50	97.0	96.5	44.25
1976	17.7	3.88		10.6	.7	1.8	98.93	98.4	97.5	52,04
1977	17.5	3.99		10.8	1.8	1.4	98.85	95.6	94.5	61.46

¹U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. ²These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades. ³The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity oil, protein, and linters. ⁴The quality index measures the deterioration in oil and eal and takes into account variations in the excesses of moisture and foreign matter. ⁵The average grade is the product of the quantity index times the quality index. The base grade is 100.0. ⁵Samples grade by licensed chemists under the superision of the U.S. Department of Agriculture. ⁷The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

ō

000000

0

Table 154.—Cottonseed oil, meal, and linters: Average price at specified points, 1964-77

Year	Oil, pe	r pound	Meal,		Year	Oil, pe	r pound	Meal,	
beginning August	Crude 1	Refined ²	per ton ³	Linters 4	beginning August	Crude 1	Refined ²	ton 3	Linters 4
1964	Cents 11.52	Cents 14.20	Dollars 59.90	Cents 3.89	1971	Cents 13.23	Cents 17.63	Dollars 73.90	Cents
1965 1966	12.83 12.89	15.48 15.78	68.80 77.50	4.24 6.62	1972	13.72 31.87	17.88 34.28	144.80 138.00	4.0 3.9 9.6
1967 1968 1969	12.67 11.56 12.05	15.54 15.54 16.33	77.40 65.20 71.10	5.61 4.57 3.68	1974 1975	31.29 24.59 25.29	34.76 35.60 31.21	123.00 141.80 199.20	8.30 5.54 5.68
1970	14.71	18.81	72.60	3.83	1977	25.73	30.53	186.10	6.3

See footnotes on page 117.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from annual reports of the U.S. Department of Commerce.

Table 155.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1975-77

	C	ottonseed oi	11	Cottons	eed cake an	d meal
Continent and country of destination	1975	1976	19772	1975	1976	19773
North America: Bermuda Canada	Metric tons 4 4,791	Metric tons 4 4,227	Metric tons 0 4,152	Metric tons 0 1,124	Metric tons 0 1,383	Metric tons
Panama Canal Zone Costa Rica Dominican Republic Guatemala	7,073	2,037 0	7,004	0 0 10 0	0	
Haiti Jamaica Mexico	20 419 11	899 13	9 302 219	0 0 4,148	0 0 3,320	5.05
Netherlands Antilles Panama Other countries	19 569	1 10 1,181	0 6 302	0	0 15 0	
Total 3	12,907	8,371	11,995	5,282	4,719	6,60
South America: Brazii Colombia Ecuador Peru Surinam Venezuela	0 0 20 0 0 23,656	506 0 0 0 35,067	501 0 0 0 43,097	5 0 0 0	000000000000000000000000000000000000000	
Other countries	23,679	35,580	43,664	5	0	
Europe:	400					
Austria Belgium and Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy Netherlands Norway Poland Sweden Switzerland United Kingdom Yugoalavia Other countries	499 6,292 0 12 3,929 0 6,210 0 0 0 3,992 4,214 0	5,439 0 14 1,749 0 3 9,931 0 900 3,095 4,411 0 1,000	0 1 7 187 2,564 0 0 2,094 5,585 1,369 0 3	0 16,694 0 0 0 0 0 0 0 0	29,317 0 8,549 0 0 0 3,378 0 0	15 22 48,87 48,87 5,51 8 55 32,23 35,07 20
Total 3	25,160	26,542	13,804	16,694	41,244	94,70
Africa: Morocco Egypt	134.278	0 194,799	192.789	0	0	
Other countries	1,653	21	13	0	0	2,00
Total 3	135,932	194,820	192,802	0	0	2,02
Asia: Hong Kong India Iran Israe Japan Kores, Rep. of Ryukyu Islands Pakistan Philippines	136 0 11,169 8 12,372 555 0 0 3	85 0 20,135 0 20,604 872 0 0	168 0 39,651 0 26,608 1,107 0 10,431 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	45
Saudi Arabia Turkey Other countries	24 500 2.382	0 0 27	0 0 21	0	0	
Total 3	27,150	41,735	77,991	0	0	84
Oceania	1,871	6,051	3,866	0	0	
Grand total ³	226,699	313,099	344,122	21.980	45,963	103.90

¹Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. ²Preliminary. ³May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 156. - Flaxseed: Area, yield, production, disposition, and value, United States,

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers ¹	Value of production
	1.000	1.000		1.000	1.000	1.000		1.000
	acres	acres	Bushels	bushels	bushels	bushels	Dollars	dollars
964	2,965	2.825	8.6	24,401	1.232	23,169	2.82	68,901
965	2,868	2,775	12.8	35,402	1,162	34,240	2.80	99,169
966	2,679	2,576	9.1	23,390	937	22,453	2.89	67,620
967	2.061	1.975	10.1	20,036	919	19,117	2.95	59,099
968	2,177	2.092	12.9	26,963	1.130	25,853	2.81	75,694
969	2.661	2,605 2,836	13.4	34,929	1,356	33,573	2.65	92,564
1970	2,950	2.836	10.4	29,416	839	28,577	2.40	70,506
971	1.627	1,545	11.8	18,196	604	17,594	2.38	43,228
972	1.189	1,149	12.1	13,883	768	13,115	3.10	43.019
1973	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974	1,742	1.659	8.5	14,083	759	13.324	9.67	136,196
1975	1,621	1,511	10.3	15,553	532	15.021	6.57	102,132
1976	1,076	985	7.9	7,820	655	7,165	7.08	55,477
977	1,410	1,314	11.5	15,105	676	14,429	4.54	68,593
19782	890	860	12.7	10.921	599	10.322	6.00	65,484

¹Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

²Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 157.—Flaxseed: Stocks on and off farms, United States, 1964-78

Yea	r beginning		On fa	irms			Off fa	rme ²	
	October	Oct. 1	Jan. 1	Apr. 1	July 11	Oct. 1	Jan. 1	Apr. 1	July 11
		1,000 bushels							
1964		12,720	8,571	6.540	2.467	18,400	14.645	10,994	8,46
1965	*******	20,488	13.953	10,809	3,449	14,879	18,812	15,828	11.87
1966		9,838	7,508	5,523	1,399	18,856	14,300	13,369	7,85
1967		8,796	6,785	4,324	1,304	14,549	11,424	9,027	5,66
1968		14,764	9,041	5,978	2,085	12,442	12,449	9,945	7,70
1969		18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,34
1970		14,991	11,213	8,927	3,148	28,270	28,152	25,025	23,60
1971		9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,63
1972		7,055	3,875	1,936	395	15,447	9,948	7,485	3,10
1973		6,806	3,974	2,616	667	7,571	6,395	4,363	1,88
1974		7,984	4,022	2,751	1,150	4,599	3,745	1,907	1.10
1975		7,552	4,220	3,009	1,830	6,228	5,533	4,164	3,06
1976		4,116	2,853	2,070	1,070	4,971	4,375	2,879	1,93
1977		9,292	5,773	4,499	2,890	4,307	5,168	3,905	2,60
19783		6,459	4,342	2,939		3,390	4,027	3,121	

Old crop only. Beginning June 1, 1976 (1975 crop year), estimates are for June 1. Stocks at mills, elevators, warehouses, processing plants, and terminals. Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 154

¹ In tanks, f.o.b. Valley Points. ² Jumbo tank deliveries, New York. ³ On basis of 41 percent protein, bulk carlots, Memphis. ⁴ Weighted average price of linters per pound.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from the National Provisioner, The Journal of Commerce, and reports of the U.S. Labor and Agriculture Departments.

Table 158.—Flaxseed: Supply and disappearance, United States, 1964-78

		Sup	ply			Disapp	earance	
Year beginning June	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings 1	Total do- mestic dis- appear- ance ²
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	1,000 bushels 15,384 12,866 17,882 11,905 8,631 11,622 23,040 28,898 23,203 5,485 4,052 3,031 4,890 3,004 5,496	1,000 bushels 24,401 35,402 23,390 20,035 26,983 34,929 29,416 18,198 13,883 16,408 14,083 15,553 7,820 15,105	3 1 1 74 3 3 399 130 148 2,169 10,684	1,000 bushels 39,786 48,268 41,272 31,944 35,615 46,551 52,457 47,170 37,089 22,292 18,265 16,732 14,879 28,793 16,417	1,000 bushels 2,023 1,895 1,469 1,559 1,968 2,265 1,262 933 1,398 1,380 1,231 1,054	1,000 bushels 6,388 5,302 6,837 5,438 9,531 6,505 3,220 910 9,881 630 372 952 196 1000	1,000 bushels 21,239 22,058 20,196 16,511 14,436 14,289 18,155 21,022 19,932 17,203 13,386 11,790 10,677 11,615	1,000 bushels 26,92 30,386 29,367 23,311 23,567 23,517 23,567 31,60 18,244 15,23 13,847 11,877 23,297

¹ From domestic and imported seed.
²Total supply minus exports and stocks June 1 of following year.
³ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 159. - Flaxseed: Area, yield, and production, by States, 1976-78

State	A	rea plan	sted	Are	a harves	sted	Yield	per har acre	vested	Production		
	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	19781
Minn Mont ² N. Dak S. Dak	1,000 acres 205 5 526 270 70	1,000 acres 235 5 800 360 10	1,000 acres 145 425 295 25	1,000 acres 195 5 500 230 58	1,000 acres 220 5 750 330 9	1,000 acres 142 410 288 20	Bush- els 10.0 10.0 8.0 6.0 8.0	Bush- els 14.5 7.0 10.0 13.0 10.0	Bush- eis 15.5 12.0 12.5 10.0	1,000 bushels 1,960 50 4,000 1,380 440	1,000 bushels 3,190 35 7,500 4,290 90	1,000 bushels 2,201 4,920 3,600 200
U.S	1,076	1,410	890	985	1,314	860	7.9	11.5	12.7	7,820	15,105	10,92

Preliminary.
 Estimates discontinued after 1977 crop.
 Includes area planted in preceding fall.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 160.—Flaxseed: Area, yield, and production in specified countries and the world, 1976-78

C	Ha	rvested a	rea	Yi	eld per ac	re	1	roduction	n
Continent and country	1976	1977	19782	1976	1977	19782	1976	1977	19782
North America: Canada United States Mexico	1,000 hectares 324 399 6	1,000 hectares 595 532 10	1,000 hectares 518 348 10	Metric tons 0.855 .499 1.33	Metric tons 1.09 .722 1.50	Metric tons 1.04 .796 1.50	1,000 metric tons 277 199 8	1,000 metric tons 650 384 15	1,000 metric tons 538 277 18
Total	729	1,137	876	.664	.923	.947	484	1,049	830
South America: Argentina Brazii 3 Chile 3 Uruguay 3	833 10 1 69	950 10 1 79	860 10 1 65	.900 .700 1.00 .667	.900 .500 1.00 .506	.843 .600 1.00 .523	750 7 1 46	855 5 1 40	725 6 1 34
Total 4	913	1,040	936	.881	.866	.818	804	901	766
Europe: Belgium ⁵ France ⁶ Italy ⁸ Netherlanda ⁵ Spain ⁵ Other countries	9 20 5 5 1 0	10 7 6 6 1	8 6 6 5 1	.889 .800 .400 1.00 1.00	.700 2.00 1.00 1.00 1.00	.875 .833 1.00 1.00 1.00	8 16 2 5 1	7 14 6 6 1 0	3 8 8
Total Western Europe 4	40	30	26	.800	1.13	.923	32	34	24
Czechoslovakia 5 German Dem. Rep. 5 Hungary Poland 5 Romania Other countries	31 4 19 87 84 0	31 4 19 62 65 0	31 4 19 93 65 0	.387 .500 1.42 .563 .595	.387 .500 1.42 .613 .769	.387 .500 1.58 .645 .769	12 2 27 49 50 0	12 2 27 38 50 0	30 60 50
Total Eastern Europe	225	181	212	.622	.713	.726	140	129	154
Total Europe 4	265	211	238	.649	.773	.748	172	163	176
Soviet Union 8	1,214	1,209	1,197	.278	.297	.334	337	359	400
Africa: Ethiopia 7 Morocco Tunisia 5 Egypt 5	100 1 6 20	100 6 25	100 6 25	.500 .333 1.20	.500 .333 1.20	.500 .333 1.24	50 2 24	50 2 30	50
Total 4	127	131	131	.598	.626	.634	76	82	8
Asia: Iran Iraq Turkey (Europe and Asia) ⁵ India ⁵ Pakistan ⁷ Other countries	7 2 12 2,119 8 14	7 2 12 1,940 8 15	7 2 12 2,044 10 15	.429 .500 .583 .282 .500 .500	.429 .500 .500 .216 .500 .500	.429 .500 .500 .247 .500 .500	3 1 7 598 4 7	3 1 6 419 4 7	50
Total 4	2,162	1,984	2,090	.287	.222	.252	620	440	52
Oceania: Australia 7 New Zealand	16 5	15 5	46 5	.750 2.00	1.13 2.00	.609 2.00	12 10	17 10	20
Total 4	21	20	51	1.05	1.35	.745	22	27	3
World total 4	5.431	5,732	5,519	.463	.527	.511	2.515	3.021	2.82

Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1978 was combined with the Southern Hemisphere harvest which began late in 1978 and ended early in 1979. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. ² Preliminary. ³ elseed area. ⁴ Includes estimates for the above countries for which data are not available and for minor producing countries. ⁵ Includes fiber flax area and seed production. ⁶ Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. ⁷ Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 161. — Flaxseed: Production, disposition, and value, by States, crop of 1978 (preliminary)

		Used on	0.44	Season aver-	Value	of
State	Production	farms where produced	Sold	age price per bushel	Production	Sales
Minn N.Dak S.Dak	1,000 busheis 2,201 4,920 3,600 200	1,000 bushels 110 285 202 2	1,000 bushels 2,091 4,635 3,398 198	Dollars 6.10 5.90 6.15 4.45	1,000 dollars 13,426 29,028 22,140 890	1,000 dollars 12,755 27,347 20,896 881
U.S	10,921	599	10,322	6.00	65,484	61,88

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 162. - Flaxseed: Price-support operations, United States, 1964-79

	Suppo	rt price	Put unde	r support 2	Acquired by	Owned	
Year beginning July	Per bushel	Percentage of parity 1	Quantity	Percentage of production	CCC under support program ³	CCC June 30	
	Dollars	Percent	1,000 bushels	Percent	1,000 bushels	1,000 bushels	
964	2.90	76	6,394	26.2 31.9	4,028	2,449	
965	2.90	75	11,303	31.9	9,430	12,382	
966	2.90	73	2,255	9.6	1,034	4,553	
967	2.90	73 72	2,707	13.5	1,207	2,115	
968	2.90	72	6,231	23.0	4,998	6,925	
969	2.75	64	13,006	37.2	12,307	16,651	
970	2.50	64 58 56 56	13,911	47.1	13,366	26,726	
971	2.50	56	6,867	37.7	3,852	18,717	
972	2.50	56	673	4.8	157	140	
973	2.50	51	137	.9		********	
974	2.50	41	63	.5	********	********	
975	(4)				*******	*******	
976	(4)		********		******	********	
977	(4)				********	********	
978	4.50	48					
1979	4.50	45	********	*******			

Percentage of the parity price as of the beginning of the marketing year.
 Includes loans made, purchase agreements entered into, and direct purchases.
 Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.
 Price support not authorized for the 1975, 1976, and 1977.

Agricultural Stabilization and Conservation Service.

Table 163.-Flaxseed and linseed oil and meal: Average price, New York and Minneapolis, 1964-78

E

	Flaxseed, per	Oil, pe	r pound	Meal,	per ton		Flaxseed, per	Oil, pe	r pound	Meal, per ton	
Year 1	bushel: No. 1, Minne- apolis	New York ²	Minne- apolis ²	New York ³	Minne- apolis 4	Year 1	bushel: No. 1, Minne- apolis	New York ²	Minne- apolis 2	New York ³	Minne- apolis 4
1964 1965 1966 1967 1968 1969 1970	Dollars 3.14 3.08 2.92 3.19 3.07 2.87 2.65 2.68	Cents 14.7 14.0 13.8 14.2 13.2 12.7 11.0	Cents 13.7 12.9 12.8 13.1 12.1 11.8 9.6 8.8	Dollars 75.10 86.80 96.05 94.35 91.50 89.95 87.75 85.80	59.10 70.55 76.40 75.50 71.10 69.00	1972 1973 1974 1975 1976 1977 1978*	Dollars 4.37 9.19 11.15 6.35	Cents 12.5 36.0 41.6 30.2 33.1 26.7 26.5	Cents 10.1 30.2 45.5 30.6 28.6 24.4 24.0	Dollars (8)	Dollars 131.50 145.40 125.78 128.60 165.30 130.30 144.40

See footnotes on page 123

Table 164.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1964-78

		Flax	seed cru	shed			Linse	ed oil		Linseed cake and meal		
Year beginning June	June - Aug.	Sept - Nov.	Dec Feb.	Mar May	Total	Stocks June 1		lm- ports for con- sump- tion	Ex- ports and ship- ments	Pro- duc- tion	Im- ports for con- sump- tion	Ex- ports and ship- ments
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		Million	Million	Million	1,000 tons	1,000 tons	1,000 tons
1964	5.542	6.179	5,136	4.382	21,239	138	427	(1)	20	391	(2)	76
1965	4.229	6,258	5,689	5.882	22,058	205	449	(1)	61	387	1	102
1966	4,875	6,235	4,533	4,533	20,196	260	415	(1)	136	371	i	121
1967	3,561	5,379	4,007	3,564	16,511	212	343	(1)	30	304	6	101
1968	2,651	4,825	3,700	3,260	14,436	205	301	(1)	108	263	(2)	101 68 93
1969	2,464	4,864	3,296	3,665	14,289	152	290	(1)	40	256	1	90
1970	3,533	4,689	4,549	5,384	18,155	130	365	(1)	47	328	2	83
1971	4,950	5,074	5,390	5,608	21,022	187	428	(1)	66	386	2	12
1972	5,642	5,579	4,390	4,331	19,932	275	393	(1)	256	370	3	17!
	5,136 3,569	5,462	3,310	3,295	17,203	127	344	(1)	142	324	3	117
1974	2,218	4,928 4,515	3,071 2,352	1,818 2,705	13,386 11,790	71	263 231	(1)	143	254	(2)	140
1976	2,899	2.646	2,745	2,706	10.677	49	27	(1)	14	229 202	(2)	141
1977	2,897	2,887	2.638	3.193	11.615	88	217	(1)	25	219	(2)	9
19783	4,310	2,483	2,000	0,190	11,010	70	-11	1.1	20	219	(2)	34

Less than 500,000 pounds. ²Less than 500 tons. ³Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 165. - Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1975-771

Continent and country		Flaxseed		L	inseed oi	3	Linsee	d cake an	d meal
of destination	1975	1976	19772	1975	1976	19772	1975	1976	19772
	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Motric
North America:	tons	tons	tons	tons	tons	tons	tons	tons	tons
Canada	0	- 0	0	346	128	168	872	391	68
Mexico	0	0	0	7	23	12	23	0	83
Panama	0	0	0	32	48	3	0	0	0
Other countries	0	. 0	12	218	97	36	0	0	100
Total 4	0	0	12	601	295	219	894	391	250
South America:									_
Peru	0	0	0	0	0	0	1 0	0	
Venezuela	0	0	0	81	114	143	7	15	i
Other countries	0	0	0	25	67	34	0	0	i
Total 4	0	0	0	106	182	178	7	15	0
Europe:									
Belgium and Luxembourg	0	71	144	1.014	1.993	0	21	0	
Denmark	0	0	0	0	0	0	0	0	i c
France	1 0	0	53	0	14	7	0	0	0
Germany, Fed. Rep. of	7.670	415	148	0	37	363	80.285	36.663	40.134
Italy	0	0	0	1	5	1	0	0	(
Netherlands	8.692	4.334	16.975	9.220	38	8.551	41.105	26.001	27,162
Poland	0	0	8.001	5.620	3.505	0	7.525	16.358	76.017
Spain	0	0	0	5	0	0	0	0	(
Sweden	0	0	0	0	0	0	0	0	
Switzerland	0	0	0	0	0	0	0	0	i
United Kingdom	0	0	0	2.028	12	2.042	0	0	i
Other countries	6,465	0	0	369	1	16	0	Ö	0
Total 4	22,827	4,820	25,322	18,258	5,606	10,980	128,936	79,022	143,313
Soviet Union	0	0	0	0	0	0	0	0	

Table 165.-Flaxseed, linseed oil, and linseed cake and meal United States exports by country of destination, crop years 1975-771 - Continued

Continent and country		Flaxseed		L	inseed oil	3	Linsee	d cake an	d meal
of destination	1975	1976	19772	1975	1976	19772	1975	1976	1977 2
Africa	Metric tons 0	Metric tons 0	Metric tons 0	Metric tons 8	Metric tons 7	Metric tons 49	Metric tons 0	Metric tons 0	Metric tons
Asia: Japan Korea, Rep. of Philippines Other countries	0 0 0	0 0 0	0 0	17 50 14 20	76 2 10 53	2 5 8 52	0 0 0	0000	0000
Total 4	0	0	0	101	142	68	0	0	0
Oceania: Australia	0	0	0	23 1	24 2	6 4	0	0	0
Total 4	0	0	0	25	26	10	0	0	0
Grand total 4	524,174	*4,968	5 25,423	19,099	6,258	11,505	129,838	79,429	143,563

³ For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. ² Preliminary. ³ Includes and refined combined as such. ⁴ Total may not add due to rounding. ⁵ Includes 1,346, 147, and 89 metric tone transshipped via Canada to unidentified countries in 1975, 1976, and 1977, respectives.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 166.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1964-78

			Peanuts for nuts												
Crop	Area				Used on fa	rms where	produced								
of—	planted	Area harvested	Yield per acre	Produc- tion ¹	For seed 2	Fed and lost	House- hold use	Sold	Price	Value of produc- tion					
	1,000	1,000		1,000	1,000	1,000	1,000	1,000		1,000					
	acres	acres	Pounds	pounds	pounds	pounds	pounds	pounds	Cents	dollars					
1964 1965	1,487.3	1,397.2	1,502	2,099,144	33,151	2,521	4,467	2,059,005	11.2	235,006					
1000	1,519.5	1,438.3	1,661	2,389,596 2,415,731	31,927 27,661	2,825 2,675	3,944 3,351	2,350,900	11.4	272,391 272,861					
1967	1,473.8	1.403.5	1,765	2,477,255	26,695	2,740	2,949	2,444,871	11.4	282,107					
1968	1,495.9	1,438.4	1,770	2,546,591	22,765	2,281	2,654	2,518,891	11.9	303,726					
1969	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2.581	2,508,784	12.3	312,356					
1970	1.517.6	1.469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,967					
1971	1,528.9	1,454.5	2,066	3,005,118	18.848	1.830	2,753	2.981.687	13.6	406,371					
1972	1,532.8	1,486.4	2,203	3,274,761	17,359	34,	821	3,252,581	14.5	475,367					
1973	1,530.2	1,495.7	2,323	3,473,837	18,723		705	3,450,409	16.2	562,460					
1974	1,519.6	1,472.1	2,491	3,667,604	19,787		611	3,643,206	17.9	657,574					
1975	1,531.9	1,504.0	2,565	3,857,122		26,709		3,830,413	19.6	756,530					
1976	1,548.6	1,521.5	2,465	3,750,890		26,811		3,724,079	20.0	750,260					
1977	1,544.6 1,544.3	1,516.4	2,457 2,639	3,726,015 3,988,624		26,157 27,291		3,699,858 3,961,333	21.0 21.1	783,302 841,568					

¹ Not weight basis. ² Seed used for planting the crop of the following year. ³ Beginning 1972, not estimated separately. ⁴ Preliminary. ⁵ Preliminary.

Table 167.—Peanuts, farmers' stocks: Stocks, production, and quantity milled, United States, 1964-78

Year beginning August	Stocks Aug. 11	Production harvested for nuts ²	Total supply	Milled 13	Year beginning August	Stocks Aug. 1	Production harvested for nuts ²	Total supply	Milled ³
1964 1965 1966 1967 1968 1969 1970	1,000 pounds 10,652 7,444 11,543 6,514 7,359 9,056 2,809 14,223	1,000 pounds 2,099,144 2,389,596 2,415,731 2,477,255 2,546,591 2,535,394 2,983,121 3,005,118	1,000 pounds 2,109,796 2,397,040 2,427,274 2,483,769 2,553,950 2,544,450 2,985,930 3,019,341	2,239,764	1974 1975 1976 1977 1978	1,000 pounds 27,394 56,899 38,392 226,991 250,005 54,366 28,651	1,000 pounds 3,274,761 3,473,837 3,667,604 3,857,122 3,750,890 3,726,015 3,988,624	1,000 pounds 3,302,155 3,530,736 3,705,996 4,084,113 4,000,895 3,780,381 4,017,275	1,000 pounds 2,888,27 3,050,98 2,922,92 3,461,50 3,455,10 3,348,73

¹ Beginning Aug. 1, 1966, net weight basis. ² Net weight basis. ³ Excludes peanuts milled for seed. ⁴ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 168. - Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1964-78

	Peanuts		Peanu	rt oil		Peanut cal	e and meal
Year beginning August	crushed (shelled oil stock)	Stocks Aug. 1 1	Production of crude	Imports	Exports 2	Stocks Aug. 1 ³	Production
	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds
64	340,672	20,500	141.327	1	86,798	11.329	192.69
65	373,547	19,800	155,591	2	23.273	5.195	206,61
66	418,292	51,900	172,840	4	3,536	6.360	232,79
67	483,992	47,800	199,205	8	5,752	19,122	266,34
68	491.447	34,500	205,222	37	25,747	9,148	275.21
69	437,127	33,700	181,961	41	35,663	8.876	243.84
70	600,855	25,337	253,544	32	43,999	7,738	340,35
71	612.322	41,784	259,994	15	74.865	21.587	334,42
72	638,755	32,110	268,950	23	104,907	2.979	359.76
73	513,552	37,317	213,896	1,123	60,529	6.962	284,99
74	443,665	33,342	188,365	20	34,681	6,838	245.58
75	1.088.087	34.053	475,961	1.850	97,712	10,374	601.24
76	833,158	136,926	362,611	32	45,878	5,863	466.54
777	366,227	221,545	150,971	25	126,547	11,719	208,14
78	300,221	46.029	100,511	20	120,041	10.933	200,14

¹Crude plus refined. ²Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting. ³Holding at producing mills only.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES POR TABLE 163

¹ Year beginning August for flaxseed; July for oil and meal.

²Raw oil in tank cars.

³Bulk carlots, 34 percent protein.

⁴Bulk carlots, 32 to 37 percent protein.

⁶Discontinued.

⁶Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 169.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1964-78

		Sup	ply			Disposition	
Year beginning August	Stocks	Production	Imports	Total	Exports 1	Domestic di	sappearance
	Aug. 1					Total	Per capita
500	1.000	1,000	1,000	1.000	1.000	1,000	
	pounds	pounds	pounds	pounds	pounds	pounds	Pounds
964	17,369	83,050	1,485	101,904	9,143	78,243	0.4
965	14,518	93,837	751	109,106	4,553	90,846	
966	13,707	92,173	1,512	107,392	964	92,850	
967	13,578	93,328	1,708	108,614	363	92,879	
968	15,372	103,380	871	119,623	992	103,766	
969	14,865	107,026	201	122,092	1,530	104,503	
970	16,059	119,146	1,269	136,474	6,436	114,072	
971	15,966	121,009	1,299	138,274	35,801	81,588	
972	20,885	113,341	1,039	135,265	4,369	113,237	
973	17,659	149,503	79	167,241	66,094	86,055	2
974	15,092	132,185	127	147,404	17,703	111,872	
975	17,829	154,768	207	172,804	22,708	119,529	
976	30,567	150,764	432	181,763	24,765	138,841	1
977	18,157	198,076	379	216,612	64,284	126,690	1
1978	25,638	1 4					

¹ Includes shipments to Puerto Rico; data through 1964 include shipments to Virgin Islands.

Table 170.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1964-78

			Su	pply				
Year beginning August	Stocks	Aug. 1	Prod	uction			Exports 1	Crushed
	Edible	Oil stock	Edible	Oil stock	Imports	Total		
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1964	245,571	2,729	pounds 1,098,481	pounds 259,299	pounds	pounds 1.606.581	pounds	340,672
1005	225,965	3,961	1,229,627	317,001	501 383	1,776,937	122,476 175,221	373,547
1000	249,316	8,960	1.176.829	361.026	577	1.796,708	166,316	418,292
1967	245,678	19,096	1.272.713	347,543	557	1.885.587	148,295	483.992
1968	219,717	28,617	1.252.042	352.057	769	1.853.202	79,623	491,447
1969	226,758	23,434	1.284.838	315,672	335	1,851,037	100,051	437,127
1970	238,325	12,677	1.373.076	482,274	204	2.106,556	213,027	600,858
1971	290,965	27.081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972	224,529	33,783	1.503.124	567,067	443	2.328,946	385,588	638,755
1973	240,686	25,586	1.678.534	509,306	444	2,454,556	523,986	513,552
1974	359,752	16,126	1.557,098	558,409	466	2.491.851	548,083	443,668
1975	279,401	20.734	1,590,916	914,655	290	2.805,996	318,229	1,088,087
1976	315,667	83,174	1.757.043	729,842	66	2.885,792	580,496	833,158
1977	372,518	29,803	1.881,663	468,753	52	2,752,789	711,776	366,227
1978	358,984	37,386						

¹ Includes shipments to Puerto Rico; data for 1964 include shipments to Virgin Islands.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board and Economics. Foreign trade from the U.S. Department of Commerce.

Table 171.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1964-77

- 2000			Shelled	uses			Apparent
Type, and year beginning August	Peanut butter 1	Peanut butter sandwiches	Salted	Candy	Other	Total	disppear- ance (cleaned in shell)2
Virginia: 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1975	2,000 pounds 55,221 69,871 68,663 48,585 38,415 47,355 50,294 40,685 46,435 72,614 67,461 62,244 46,167 49,517	1,000 pounds 6,253 7,865 7,970 7,925 8,548 6,983 7,895 8,211 7,770 3,821 2,978 3,068 4,566 3,994	1,000 pounds 141,283 150,476 168,676 168,652 173,447 177,319 176,816 173,597 167,941 171,695 132,861 147,933 98,992 88,773	1,000 pounds 44,870 51,861 56,815 57,444 58,679 58,729 58,157 50,597 53,052 51,278 82,335 49,876 44,280	1,000 pounds 4,200 5,506 5,371 5,533 4,940 7,834 5,895 4,550 4,508 4,336 3,180 2,746 2,222 2,164	1,000 pounds 251,827 284,827 284,510 282,794 298,170 299,629 279,200 277,251 305,518 257,758 268,326 201,823 188,708	1,000 pounds
Runner 1964 1965 1966 1966 1967 1968 1970 1971 1971 1971 1973 1974 1975 1975	241,217 235,617 210,146 239,313 212,443 209,676 232,567 250,903 265,938 415,720 447,182 455,900 492,439	9,968 9,925 9,890 10,335 9,795 10,318 9,941 12,004 12,983 16,020 13,781 15,204 17,192 23,020	4.199 3.965 5,116 5,087 6.408 6.217 5,820 11,948 29,665 51,555 86,092 94,633 102,603 144,309	29,552 32,093 41,144 51,096 62,177 71,252 71,252 109,463 122,164 115,278 101,728 124,423 121,193 126,101	7,399 8,668 7,703 8,449 9,600 9,600 7,743 8,431 8,694 10,502 7,435 9,742 11,874 13,735	292,349 290,268 273,999 314,290 300,431 307,063 351,444 392,749 439,444 523,398 624,756 691,184 708,762 799,604	
Spanish 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	183,655 194,002 201,578 225,830 273,892 283,483 257,489 265,259 265,688 257,314 167,803 138,631 115,670	4,024 4,012 4,766 4,133 3,735 4,354 7,481 5,379 4,893 4,041 3,699 2,685 2,460 1,182	56,966 58,918 59,929 58,891 60,168 57,375 56,168 56,106 56,824 61,067 59,332 59,069 52,227 41,137	86,118 96,577 102,422 106,235 106,751 106,444 89,137 84,426 87,027 83,174 64,028 62,918 63,961 64,858	4,253 4,139 4,325 3,259 3,954 3,714 3,953 3,987 4,371 4,457 3,764 3,509 3,726 2,783	335,016 357,648 373,010 398,348 448,500 455,370 414,208 415,157 418,863 410,043 298,536 266,812 238,244 191,830	
All types: 1965 1965 1966 1966 1966 1968 1970 1970 1972 1973 1974 1975 1976 1976	480,093 499,490 480,387 513,728 524,725 540,514 540,350 556,847 578,061 659,971 650,984 648,057 617,937 623,826	20,265 21,502 22,616 22,393 22,078 21,655 25,317 25,594 23,882 20,368 20,957 24,218 28,196	202,448 213,359 228,721 232,630 240,923 240,911 238,804 241,651 254,430 278,285 301,635 253,822 274,219	160,534 180,059 198,427 216,146 226,372 236,375 244,046 251,504 251,504 217,034 239,676 235,030 235,219	15,852 18,313 17,399 17,241 18,502 21,148 17,571 16,968 17,573 19,235 14,379 15,997 17,822 18,682	879,192 932,723 947,550 1,002,138 1,031,725 1,060,603 1,065,281 1,087,106 1,135,558 1,238,959 1,181,050 1,226,322 1,148,829 1,180,142	85,901 94,644 92,302 91,533 103,887 105,831 116,266 116,567 129,447 142,025 163,177 190,593

Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.
Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 172. - Peanuts: Area, yield, and production, by States 1976-78

							1	Peanuts 1	or nuts			
State		Area planted			Area harveste	đ	Yield	per har	vested	,	Production ¹	
	1976	1977	19781	1976	1977-	19781	1976	1977	1978	1976	1977	1978
Ala Fla Ga Miss N. Mex N. C	1,000 acres 216.0 63.0 529.0 9.0 9.6 168.0	1,000 acres 216.0 63.0 530.0 7.5 9.6 169.0	1,000 acres 216.0 62.0 530.0 8.3 9.5 169.0	1,000 acres 214.0 55.0 526.0 8.5 9.5 166.0	1,000 acres 215.0 55.0 526.0 7.0 9.4 166.0	1,000 acres 214.0 54.0 526.0 8.0 9.4 166.0	Pounds 2,400 3,000 2,955 1,450 2,280 2,655	2,740 3,100 2,850 1,650 2,700 2,675	2,630 3,380 3,300 2,000 2,560 2,825	1,000 pounds 513,600 165,000 1,554,330 12,325 21,660 440,730	1,000 pounds 589,100 170,500 1,499,100 11,550 25,380 444,050	1,000 pounds 562,820 182,520 1,735,800 16,000 24,064 468,950
Okia S. C Tex Va	124.0 16.0 310.0 104.0	123.0 15.5 306.0 105.0	123.0 15.5 307.0 104.0	120.0 15.5 304.0 103.0	120.0 15.0 300.0 103.0	115.0 15.2 301.0 103.0	2,050 1,590 1,525 3,000	2,230 2,080 1,315 2,845	1,800 2,350 1,450 3,100	246,000 24,645 463,600 309,000	267,600 31,200 394,500 293,035	207,000 35,720 436,450 319,300
U.S	1,548.6	1,544.6	1,544.3	1,521.5	1,516.4	1,511.6	2,465	2,457	2,639	3,750,890	3,726,015	3,988,624

¹ Preliminary. ² Net weight basis.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 173.—Peanuts for nuts: Production, disposition, and value, by States, crop of 1978 (preliminary)

		Used on	0.11	Season aver-	Value	of —
State	Production	farms where produced	Sold	age price per pound	Production	Sales
Ala Fla Ga Mins N. Mex N. C Oklin S. C Tex Va	1,000 pounds 562,820 182,520 1,735,800 16,000 24,064 468,950 207,000 35,720 436,450 319,300	1,000 pounds 2,251 548 5,207 544 241 8,910 414 321 873 7,982	1,000 pounds 560,569 181,972 1,730,593 15,456 23,823 460,040 206,586 35,399 435,577 311,318	Cents 21.1 21.3 21.0 21.0 22.0 22.0 21.1 20.2 21.1 20.2 21.3	1,000 dollars 118,755 38,877 364,518 3,360 5,294 103,169 43,884 7,537 88,163 68,011	1,000 dollars 118,280 38,760 363,425 3,246 5,241 101,209 43,796 7,468 87,967 66,311
U.S	3,988,624	27,291	3,961,333	21.1	841,568	835,724

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 174. - Peanuts, farmers' stock: Average price per pound to growers, 1964-781

Crop year 2	Virginia type (Va N.C.)	South- eastern Runner	South- western Spanish	New Mexico Valen- cias	Crop year 2	Virginia type (Va N.C.)	South- eastern Runner	South- western Spanish	New Mexico Valen- cias
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1964	12.8	11.0	11.2	12.7	1972	14.6	15.1	14.2	15.2
1965	12.1	11.0	11.3	12.0	1973	16.2	16.6	15.6	16.9 17.3
1966	12.2	10.6	11.3	11.4	1974	17.6	18.5	17.4	17.3
1967	11.9	11.4	10.9	12.4	1975	18.7	19.3	18.2	22.5
1968	13.0	11.5	11.8	13.0	1976	18.7 19.9	20.1	19.0	24.5
1969	13.4	12.4	12.4	13.6	1977	21.5	20.1 22.1	20.8	22.5 24.5 24.5
1970	13.8	13.0	12.5	13.9	1978	21.9	21.9	20.4	22.1
1971	14.2	14.6	13.6	13.8		1	-	-	-

¹Prices are based on average quality factors for each crop year as described in the price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.

²Crop year begins about Oct. 1 in the Virginia-North Carolina Section; in August, in the Southeastern and in the Southwestern States.

Agricultural Marketing Service.

Table 175. - Peanuts, farmers' stock: Price-support operations, United States, 1964-78

	Suppo	rt price	Put under	support 23	
Year beginning August	Per pound	Percentage of parity 1	Quantity	Percentage of production	Owned by CCC July 31 3
1964	Cents 11.2 11.2 11.35 11.35 12.012 12.375 12.75 13.425 14.25 16.425 18.3 19.725 20.7 21.525	Percent 79 77 77 77 75 76 75 75 75 75 75 75 75 75 75 75 75 75 75	Million pounds 645 733 814 685 699 622 1,084 1,277 1,029 1,072 1,136 854 535 6515	Percent 30.7 30.7 30.7 33.7 27.4 24.5 36.3 41.2 39.0 29.6 29.2 29.5 22.8 14.4 12.9	Million pounds 63 86 114 12 (4) (4) (4) (5) 505 958

Percentage of the parity price as of the beginning of the marketing year.
Includes loans made and direct purchases.
Includes shelled peanuts converted to farmers' stock basis.
Less than 500,000 pounds.
Less than 500,000 pounds.
Guota peanuts were supported at 21.5 cents per pound and additional peanuts at 12.5 cents per pound.
Preliminary.

5.2 6.9 7.7 2.5 4.5 4.5 2.1

ınd the

Agricultural Stabilization and Conservation Service.

Table 176.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1968-771

Classification	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Southeastern area:										
Georgia, Alabama, and Florida:	Course	Charte	Contr	Cents	C	Contra	Contr	Contr	0	Contra
Shelled: Runner Jumbo ²				24 1/a						37 1/4
Runner Medium					20 /5	20 /4	29 1/4	31 3/8	33	35 1/4
Runner U.S. Splits	19 1/2	20 1/4	20 5/s	22 5/a	23 1/4	26	26 1/2	27 1/8	26 3/4	32 1/4
Virginia-North Carolina:				-	-					-
Clean unshelled Virginias:										
Fancy	21 1/8	20°/8	21 1/8	23 1/8	23 1/s	26 1/2	33 2/4	30 3/4	32 1/2	36 1/2
Shelled Virginias: Extra large	98.3/-	00 1/-	or 1/-	27 1/2	90 1/-	94 1/-	40.5/-	90 5/-	90 5/-	40 5/6
Medium	24 3/4	23 3/4	20 7/8	26 3/8	20 7/2	32 1/4	34 3/4	36 5/4	37 1/4	38 5/
No. 2 with 70% solits				22 1/4						30 1/4
Southwestern area:			-							-
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	20 1/4									40 1/8
Spanish U.S. Splits	19 1/4	20 1/2	21 1/4	23	23 1/2	26 '/s	27 1/4	27 1/8	27 1/8	33 1/2
New Mexico: Handpicked unshelled Valencias 3	19 1/2	90	on 5/-	21 3/4	00	OF 1/-	00.1/	31 3/a	90 1/-	34 1/2

¹Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months.
²Not reported before 1971 crop.
³No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

Table 177. — Peanuts: $^{\rm I}$ Area and production in specified countries and the world, 1976-78

	Ha	rvested are	n2		Production	
Continent and country	1976	1977	19783	1976	1977	19783
North America: United States Mexico Cuba Dominican Republic Other countries	1,000 hectares 616 43 15 76 4	1,000 hectares 614 43 15 63 4	1,000 hectares 613 43 15 63 4	1,000 metric tons 1,701 49 15 40 2	1,000 metric tons 1,690 55 15 40 2	1,000 metric tons 1,805 55 15 40
Total 4	754	739	738	1,807	1,802	1,917
South America: Argentina Brazii Paraguay Uruguay Other countries	309 390 21 4 39	367 230 21 4 43	428 255 21 4 61	339 514 18 4 45	601 324 18 3 53	370 345 18 2 70
Total	763	665	769	920	999	805
Europe: Total (including Soviet Union)	10	11	11	22	23	24
Africa:	750 13 202 105 270 173 52 42- 97 200 254 254 27 170 102 1315 156 1,085	771 15 202 105 270 173 52 43 97 200 254 820 239 170 35 1,079 1,164	1,050 13 202 105 270 173 52 43 97 200 239 170 35 1,079 214 1,173	705 28 90 61 289 90 125 49 48 125 72 125 350 165 122 146 778	705 30 90 76 295 100 49 48 125 80 100 643 165 110 6 677 240 774	1,008 26 90 76 2858 122 50 44 48 122 77 70 100 600 166 120 4 1,100 303 788
	6,145	5,863	6,189	4,467	4,313	5,098
Asia: Israel Israel Turkey (Europe and Asia) China: Mainland Taiwan Burma ⁵ India Indonesia Japan ⁵ Philippines Thailand Other countries Total ⁴	6 23 2,200 59 668 6,948 411 38 45 61 120 164 10,743	22 2,300 53 668 7,175 411 35 47 61 122 163	6 23 2,300 60 668 7,300 410 35 47 61 130 165	24 55 2,750 89 450 5,264 450 65 64 41 152 193	21 50 2,550 77 450 6,069 450 69 66 46 140 184	27 52 2,786 90 450 6,200 400 61 66 48 170 197
Oceania: Australia	27	31	28	36	32	35
		31				-

¹Peanuts in the shell. Southern Hemisphere peanut crop, which is harvested from April to June, is combined with that of the Northern Hemisphere harvested from September through December of the same year.

²Harvested area as far as possible.

³Preliminary.

⁴Includes estimates for the above countries for which data are not available.

⁵Planted area.

⁶Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 178.—Soybeans: Area, yield, production, disposition, and value, United States, 1964-78

					Soybean	for beans			
Year	Area planted	Area	Area Yield per			n farms produced		Season average price per	Value of
		harvested	acre	Production	For seed	Fed to livestock	Sold	bushel re- ceived by farmers	production
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1976	1,000 acres 31,721 35,227 37,294 40,819 42,265 42,534 43,082 43,476 46,866 56,549 52,479 54,550 50,226 58,760	1,000 acres 30,793 24,449 36,546 39,805 41,391 41,397 42,249 42,5683 55,667 51,341 53,579 49,358 57,612	Bushels 22.8 24.5 25.4 24.5 26.7 27.4 26.7 27.5 27.8 27.8 23.7 28.9 26.1 30.6	1,000 bushels 700,921 845,608 928,481 976,439 1,106,958 1,133,120 1,127,100 1,176,101 1,270,608 1,547,543 1,216,287 1,547,383 1,287,560		1,000 bushels 853 852 949 921 873 885 1:074 1.082 1,116 1.250 1.054 .055 .893	1,000 bushels 678,849 822,786 904,210 952,426 1,084,784 1,111,975 1,106,628 1,246,923 1,523,772 1,190,970 1,526,328 1,263,667 1,736,328	Dollars 2.62 2.54 2.75 2.49 2.43 2.35 2.85 3.03 4.37 5.68 6.64 4.92 6.81 5.88	1,000 doilars 1,836,44 2,151,30 2,553,61 2,433,51 2,688,57 2,664,20 3,214,71 3,560,07 8,790,04 7,617,98 8,768,97

¹ Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

² Beginning 1975, not estimated separately.

³ Preliminary.

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Crop \ Reporting \ Board.}$

Table 179. - Soybeans: Stocks on and off farms, United States, 1964-79

Year		On f	arms			Off fa	rms ³	
Tear	Jan. 1	Apr. 1	July 11	Sept. 1 ²	Jan. 1	Apr. 1	July 11	Sept. 12
	1,000	1,000	. 1,000	1,000	1,000	1,000	1,000	1,000
	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels
1964	260,422	190,607	72,599	15,144	297,510	185,825	98,216	16,76
1965	190,728	98,002	22,982	7,568	334,820	249,035	106,465	22,13
1966	284,312	149,747	19,155	4,412	334,554	225,888	114,867	31.22
1967	344,394	217,411	84,611	41,626	377,041	240,500	114,170	48,51
1968	350,816	235,842	120,602	60,709	432,333	301,182	164,389	105,61
1969	410,168	276,930	141,360	71,852	550,329	452,343	316,815	254,99
1970	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,25
1971	391,960	246,491	90,595	20.554	553,012	369,063	190,832	78,22
1972	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,18
1973	428,798	145,261	33,847	9,412	437.924	358,372	145,352	50,22
1974	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106.33
1975	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,92
1976	590,466	411.366	253,963	86,150	665,689	456,283	300,938	158,78
1977	473,120	227,723	92,374	32,748	559,045	390,214	243,335	70,16
1978	672,861	393,684	207.102	59,000	652,400	455,448	298.815	102.04
19794	689,856	403,910			692,534	467,565		

¹Beginning 1976, estimates are for June 1. ²Old crop only. Prior to 1966, estimates are for Oct. 1. ³Stocks at mills, elevators, warehouses, processing plants, and terminals. ⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 180. - Soybeans: Supply and disappearance, United States, 1964-78

			Sup	ply		
		Stocks by				
Year beginning September	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation ¹	Total	Production	Total
1964	7,568 4,412 41,626 60,709 71,852 40,580 20,554 11,779 9,412 64,414 78,229 86,150 32,748 59,000	22,132 31,227 48,511 105,589 249,666 180,518 50,222 106,337 109,922 158,781 70,168	1,000 bushels 29 5,326 8,738 2	1,000 bushels 67,300 29,700 35,639 90,137 186,327 326,844 299,836 98,779 71,962 59,634 170,751 188,151 244,931 102,916 161,044	1,000 bushels 700,921 845,606 928,481 976,439 1,106,958 1,133,120 1,176,101 1,270,608 1,216,287 1,547,543 1,216,287 1,547,383 1,287,260 1,716,334 1,772,384	1,000 bushels 768,221 875,300 944,121 1,066,574 1,273,288 1,459,96- 1,366,938 1,274,884 1,342,574 1,607,17 1,367,03 1,735,53 1,532,49 1,844,67 2,003,69

			Dissapearance		
Year beginning September	Seed ³	Crushed 4	Feed and residual 3	Net exports 5	Total
1964	1.000 bushels 40,285 42,782 47,110 48,563 47,302 48,533 48,105 50,986 60,755 56,083 57,226 53,542 68,000	1,000 bushels 478,980 537,477 559,403 576,390 605,920 737,349 780,129 720,544 721,840 821,313 701,262 865,121 790,204 926,658	1,000 bushels 7,082 8,849 5,879 8,719 6,443 11,644 16,122 14,559 20,940 19,697 16,845 10,308 78,469	1.000 bushels 212,175 250,591 261,591 266,577 286,776 432,602 433,801 416,829 479,441 539,130 420,702 555,095 564,063 700,483	1,000 bushels 738,525 839,686 873,985 900,244 946,441 1,230,122 1,258,157 1,202,918 1,436,422 1,198,887 1,490,600 1,429,577 1,703,627

Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in 10 weed by CCC and stored in bins or other storage the estimates by positions.
2 Preliminary.
3 Seed, feed, and residual are combined, beginning 1977.
4 Reported by the U.S. Department of Commerce.
5 Importa negligible.

Economics, Statistics, and Cooperatives Service - Economics.

POOTNOTES FOR TABLE 182

Economics, Statistics, and Cooperatives Service -- Economics. Data from the U.S. Department of Commerce.

 $^{^{\}rm I}$ Includes estimates of foreign donations not reported by the U.S. Department of Commerce. $^{\rm 2}$ Preliminary.

Table 181. - Soybeans: Area, yield, and production, by States, 1976-78

	Ar	ea plant	ed				Soy	beans fo	or beans			
State	1976 1977 1978		Are	Area harvested			Yield per harvested acre			Production		
			20.0	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1,000	1.000	1.000	1,000	1.000	1.000	Bush-	Bush-	Bush-	1.000	1.000	1.000
	acres	acres	acres	acres	acres	acres	els	els	els	bushels	bushels	bushels
Ala	1,200	1,650	2,000	1,170	1,600	1,950	24.0	21.0	22.0	28,080	33,600	42,90
Ark	4,360	4,650	4,750	4,320	4,600	4,700	19.0	23.0	24.0	82,080	105,800	112,80
Del	208	230	250	205	225	245	24.0	24.0	28.0	4,920	5,400	6,86
Fla	259	334	411	253	327	400	26.0	25.0	24.0	6,578	8,175	9,60
Ga	890	1,250	1,750	870	1,090	1,680	23.5	20.0	17.5	20,445	21,800	29,40
M	7,600	8,900	9,250	7,560	8,850	9,190	33.0	38.0	33.0	249,480	336,300	303,27
Ind	3,300	3,930	4,150	3,280	3,900	4,130	34.0	37.0	34.0	111,520	144,300	140,42
lowa	6,470	7,100	7,600	6,450	7,080	7,550	31.0	35.5	38.0	199,950	251,340	286,90
Kans	900	1,020	1,480	865	990	1,450	15.0	28.5	18.0	12,975	28,215	26,10
Ку	1,100	1,350	1,450	1,070	1,320	1,410	27.0	31.0	30.0	28,890	40,920	42,30
La	2,280	2,750	2,900	2,250	2,680	2,840	28.0	23.5	25.0	63,000	62,980	71,00
Md	300	330	350	295	325	345	25.0	27.0	32.0	7,375	8,775	11,04
Mich	570	730	810	565	720	800	20.5	30.0	24.0	11,583	21,600	19,20
Minn	3,050	3,800	4,100	3,020	3,770	4,060	22.0	35.5	35.0	66,440	133,835	142,10
Miss	3,335	3,750	3,900	3,250	3,660	3,800	22.0	21.5	21.5	71,500	78,475	81,70
Мо	4,300	4,730	5,500	4,200	4,650	5,440	20.0	32.0	28.5	84,000	148,800	155,04
Nebr	995	1,150	1,270	980	1,130	1,250	20.0	36.0	34.0	19,600	40,680	42,50
N	140	185	210	138	177	206	24.0	24.0	30.0	3,312	4,248	6,18
N.Y	1.220	21	23	12	19	22	26.0	23.0	23.0	312	437	50
N.C N. Dak	1,220	1,450	1,620	1,120	1,320	1,550	22.0 12.5	22.0	24.0 27.5	24,640 1.838	29,040 3,500	37,20
Ohio	2.900	3.400	3,780	2.880	3.380	3,750	33.0	35.5	33.0	95,040	119,990	123,78
Okla	260	360	340	2,880	3,380	3,750	22.0	23.0	17.0	5,500	7.820	5.35
Pa	52	70	65	50	67	62	29.0	31.0	31.5	1,450	2,077	1.96
S.C	1.230	1.350	1.510	1.190	1.300	1.470	18.0	20.5	22.0	21,420	26,650	32.34
S. Dak	280	320	400	271	315	390	17.0	30.5	30.5	4,607	9,608	11.86
Tenn	1,920	2.320	2,530	1.800	2.220	2.420	22.5	23.5	23.5	40,500	52,170	56.87
Tex	375	800	800	347	760	745	26.0	26.5	26.0	9,022	20,140	19,37
Va	410	450	450	398	440	445	20.5	19.0	28.0	8,159	8,360	12,46
Wis	160	200	220	152	192	215	22.0	35.0	32.0	3,344	6,720	6,88
U.S	50,226	58,760	64,044	49,358	57.612	63.003	26.1	30.6	29.2	1,287,560	1.761.755	1.842.64

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 182.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1964-78

		Soyl	eans crus	hed		8	loybean o	il	Soybean cake and meal		
Year beginning October	Oct Dec.	Jan Mar.	Apr June	July - Sept.	Total	Stocks Oct. 1	Pro- duction	Exports and ship- ments	Stocks Oct. 1	Pro- duction	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million	Million	Million	1,000 tons	1,000 tons	1,000 tons
1964	131,139	121,617	116,197	104,121	473,074	578	5,146	11,357	122	11,286	2,036
1965	141,237	144,717	138,699	117,730	542,383	297	5,800	948	106	12,901	2,60
1966	143,653	142,106	145,507	135,054	566,320	462	6,076	1,105	132	13,483	2,65
1967	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	2,896
1968	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	3,04
1969	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,03
1970	200,759	191,422	188,632	180,452	761,265	543	8,265	1,782	137	18,035	4,000
1971	183,334 206,728	187,975 199,750	178,657	168,297	718,263 711,046	773 785	7,892	1,440	146 192	17,024 16,708	3,80 4,74
1973	200,728	220,861	172,122 210,723	132,446 194,517	833,471	516	7,501 8,995	1,461	183	19,674	5,54
1974	182,656	178,196	163,587	179,710	704,149	794	7,375	1.090	507	16,702	4,29
1975	220,260	222,106	231.457	203,666	877,489	561	9,630	1.034	358	20,754	5,14
1976	219.012	218,168	184,431	151,666	773,277	1.251	8,578	1.606	355	18,488	4,61
1977	247,701	247,190	235,108	216,180	946,179	767	6,721	2,137	228	22,371	6.14
19782	275,260					729			243		

See footnotes on page 130.

Table 183.—Soybeans for beans: Production, disposition, and value, by States, crop of 1978 (preliminary)

State	D. L. Maria	Used on		Season aver-	Value	of—
State	Production	produced	Sold	age price per bushel	Production	Sales
100	1.000	1.000	1.000		1.000	1.000
	bushels	bushels	bushels	Dollars	dollars	dollars
Ala	42,900	343	42.557	6.70	287.430	285.135
Ark	112,800	2.030	110,770	6.70	755,760	742.156
Del	6,860	158	6.702	6.50	44.590	43.563
Fla	9,600	67	9.533	6.80	65,280	64.824
Ga	29,400	588	28.812	6.40	188,160	184,397
11	303,270	3,639	299.631	6.65	2.016,746	1.992.54
nd	140,420	1.685	138,735	6.75	947.835	936.46
owa	286,900	2.582	284,318	6.60	1.893.540	1,876,496
Kans	26,100	600	25,500	6.60	172,260	168,300
(y	42,300	508	41.792	6.70	283,410	280.00
A	71,000	213	70,787	6.60	468,600	467.19
Md	11.040	243	10.797	6.50	71,760	70.18
Mich	19,200	499	18,701	6.70	128,640	125.29
Minn	142,100	2,700	139,400	6.55	930,755	913.07
Miss	81,700	1.062	80,638	6.70	547,390	540.27
Mo	155,040	2,326	152,714	6.70	1.038,768	1.023.18
Nebr	42.500	850	41,650	6.50	276,250	270.72
V.J	6.180	117	6.063	6.85	42.333	41.53
V.Y	506	40	466	6.25	3.163	2.91
V.C	37,200	670	36.530	6.75	251,100	246.578
V. Duk	4.758	76	4.682	6.45	30,689	30.196
Ohio	123,750	1.732	122,018	6.75	835,313	823.625
Okla	5,355	161	5.194	6.35	34.004	32,983
·	1.953	94	1.859	6.30	12.304	11.71
3.C	32,340	938	31,402	6.80	219.912	213.53
. Dak	11,895	345	11,550	6.50	77,318	75.07
Tenn	56,870	1.137	55,733	6.50	369,655	362.26
Pex	19,370	58	19,312	6.25	121,063	120,700
/0	12,460	324	12,136	6.80	84,728	82.52
Wis	6,880	282	6,598	6.70	46,096	44,207
J.S	1,842,647	26.067	1.816.580	6.65	12.244.852	12,071,687

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 184. - Soybeans: Price-support operations, United States, 1964-79

	Suppo	rt price	Put unde	r support ³	Acquired by	Owned	
Year beginning September 1	Per bushel	Percentage of parity 2	Quantity	Percentage of production	CCC under support program 4	CCC Aug. 31 1	
1964 1965 1966 1966 1967 1969 1970 1971 1972 1973 1974 1975	Dollars 2.25 2.25 2.50 2.50 2.25 2.25 2.25 2.25	Percent 74 74 78 76 76 74 62 90 56 54 45 37	1,000 bushels 28,573 86,517 153,521 201,371 340,271 179,499 146,420 168,204 90,555 124,177 34,554	Percent 4.1 10.2 16.5 20.6 30.8 15.9 13.0 14.3 7.1 8.0 2.8	1,000 bushels 29 26,421 84,361 170,102 232 37 45 7 4	1,000 bushels 7,34 29,43 171,42 180,191 2,500	
1976 1977 1978 1979	2.50 3.50 4.50 4.50	34 46 51 51	22,471 97,548 62,200	1.7 5.5 3.4			

Agricultural Stabilization and Conservation Service.

¹ Year beginning October through 1964; CCC-owned stocks as of Sept. 30 through 1965.
2 Percentage of the parity price as of the beginning of the marketing year.
3 Includes loans made, purchase agreements entered into, and direct purchases.
4 Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

6 Price support not authorized for the 1975 crop.
6 Preliminary.

Table 185. - Soybeans, soybean oil, and meal: Average price at specified markets, 1964-77

	Soybeans		mestic, ound	Meal per ton: 44 percent protein bulk, Decatur		Soybeans,	Oil, do per p	mestic, ound	Meal, per ton:
Year beginning October	per bushel: No. 2 Yellow Chicago ¹	Crude, tanks, mid- western mills	Refined, tanks New York ²		Year beginning October	bushel: No. 2 Yellow Chicago	Crude, tanks, mid- western mills	Refined, tanks, New York ²	percent protein, bulk, Decatur
1964	Dollars 2.82 2.63 2.92 2.64 2.56 2.68 2.98	Cents 11.3 11.8 10.1 8.4 8.3 11.0 12.9	Cents 13.4 13.6 12.4 10.5 10.4 13.1 14.6		1971 1972 1973 1974 1975 1976	Dollars 3.10 5.34 6.78 5.31 4.65	Cents 11.4 16.1 31.3 30.5 18.4 24.0 29.7	Cents 12.7 17.7 33.0 33.1 23.5 29.2 26.9	Dollars 90.20 229.00 146.30 131.70 147.80 199.80

¹ Prices are weighted by carlot sales.
² Quotations are price-per-pound drums prior to January 1959.

Economics, Statistics, and Cooperatives Service - Economics.

Table 186.—Soybeans: Area, yield and production in specified countries and the world, 1976-781

0-1		Area 2		Yi	eld per a	re	1	Production	n
Continent and country	1976	1977	19783	1976	1977	19783	1976	1977	19783
North America: Canada United States 4 Mexico	1,000 hectares 153 19,975 170	1,000 hectares 202 23,315 305	1,000 hectares 263 25,497 175	Metric tons 1.63 1.75 1.65	Metric tons 2.61 2.06 1.61	Metric tons 1.81 1.97 1.71	1,000 metric tons 250 35,042 280	1,000 metric tons 527 47,947 490	1,000 metric tons 478 50,149
South America: Argentina Brazil Colombia Paraguay ⁶	434 6,290 38 173	660 7,040 57 229	950 7,600 71 300	1.60 1.72 1.97 1.64	2.12 1.73 1.81 1.64	2.84 1.31 1.90 .917	695 10,810 75 284	1,400 12,200 103 375	2,700 9,950 135 275
Europe: Romania Yugoslavia	155 31	171 32	202 35	1.37 1.55	1.25 2.09	.946 1.71	213 48	213 67	191
Soviet Union (Europe and Asia)	762	786	836	.630	.693	.778	480	545	650
Africa: Nigeria 6 South Africa 6 7	4 22	5 25	5 25	.250 .818	.600 1.12	.600 1.48	1 18	3 28	37
Asia: Iran Turkey (Europe and Asia)	30 6	32 6	20 6	1.33	1.97 1.33	3.15 1.17	40 7	63 8	61
China: Mainland Taiwan Indonesia Japan ⁵ Kampuchea Korea, Rep. of ⁵	9,000 36 646 87 4 274	9,100 30 646 83 4 248	9,100 30 640 79 4 251	1.00 1.47 .913 1.45 1.00 1.14 .750	1.04 1.73 .808 1.33 1.00 1.19 1.25	1.10 2.00 .817 1.41 1.00 1.27 1.25	9,000 53 590 126 4 311	9,500 52 522 110 4 295 10	10,000 60 523 111 315
Philippines Thailand Other countries	102 630	110 669	128 821	1.19	.955 .985	1.05	121 529	105 689	135
World total*	39,030	43,763	47,046	1.51	1.72	1.65	58,983	75,226	77,643

¹Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.

²Harvested area as far as possible.

³Preliminary.

⁴Area harvested for beans.

⁵Planted area.

⁶Quantities purchased by the Nigerian Marketing Boards for exports.

⁷European farms only.

⁸Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 187.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1975-771

Continent and country		Soybeans		Soy	ybean oil	3	Soybe	an oilseed and meal	cake
of destination	1975	1976	1977 2	1975	1976	19772	1975	1976	1977 2
North America: Barbalos Canada Haiti Jamaica	Metric tons 0 394,637 0 16	Metric tons 5 461,854 0 18,388	Metric tons 45 263,603 0 44,821	Metric tons 47 31,756 14,260 1,311	Metric tons 34 25,959 17,186 4,748	Metric tons 51 27,736 13,756 3,773	Metric tons 3,306 277,816 132 35,472	Metric tons 4,140 256,390 0 31,615	Metric tons 3,662 339,465 1,481 8,648
Mexico	12,622	377,113	525,027	3,062 955	15,352	29,592 1,374	7,487 883	190,490	98,410
Panama	3,425	0	0	13,160	12,491	8,293	771	6,994	4,447
Total 4	445,372	876,809	863,882	83,414	86,019	108,559	404,023	573,946	562,506
South America: Bolivia Chile Colombia Ecuador Peru Surinam Venezuela	0 7 0 0 34,303 0 15,334	0 0 0 1 26,156 0 22,229 48,483	0 0 18 0 35,000 5 54,281	111 953 14,208 19,534 14,516 5 0	388 11,954 27,278 16,196 57,326 23 768 114,239	889 21,972 44,053 26,006 68,603 7 369	0 0 1,672 39 0 0 84,247 91,142	0 108 14,373 319 0 - 127,624 148,491	152 464 3,311 0 114,200
Total 4	50,598	40,403	91,715	49,331	114,239	102,798	91,142	140,491	121,498
Europe: Belgium and Luxembourg Czechoslovakia Denmark France	482,222 0 411,171 272,352	410,611 0 306,468 460,414	475,343 0 423,258 572,533	0 0 4 3	1 0 7 2	1,999 0 3 4,999	238,175 181,520 35,052 761,882	83,426 100,221 36,775 130,970	36,986 63,714 26,068 146,611
Germany. Fed. Rep. of Greece Iceland Ireland Italy Netherlands	1,239,848 49,634 0 0 826,478 3,552,049	1,520,111 47,940 0 855,206 3,007,381	1,521,358 82,929 0 0 870,277 4,085,923	2 130 26 0 0	315 0 0 0 1 2,000	7,879 0 40 5 89 14,202	1,008,479 17,256 0 49,071 421,429 102,501	953,078 22,542 0 36,088 428,753 565,778	1,039,685 39,433 0 83,573 741,607 654,668
Norway Poland Spain Sweden Switzerland United Kingdom Yugoalavia	209,373 60,926 1,326,099 0 39,510 383,904	201,217 15,037 1,029,731 0 113,524 405,563 40,081	233,028 129,937 1,532,049 39 59,785 622,685 149,681	5,037 0 0 0 527 9,866	0 0 2 0 41	1,514 0 88 1,499 1,510	360,841 347,309 39 41,749 54,466 183,549	256,943 143,330 0 72,891 46,686 95,168	493,318 237,283 346 83,226 64,906 113,067
Total 4	9,246,810	8,600,543	11,168,846	15,601	2,369	34,129	3,977,488	3,078,138	4,218,13
Soviet Union	310,488	825,377	744,180	0	0	0	0	0	490
Africa: Algeria Morocco South Africa Egypt	0 0 0 0	28,322 0 21,031	48,446 170 40,713	1,020 4,911 640 472	510 2,973 30 1,376	510 5,646 357 6,101	0 0 5,580 15,658	1,562 0 293 20,122	4,56 54,09
Total 4	0	49,460	111,331	11,704	19,032	40,516	21,238	22,339	69,53
Asia: China, Taiwan India Israel Japan Korea, Rep. of Pakistan Philippines Turkey	893,863 0 377,238 3,213,914 83,368 100 6,372 0	696,598 0 361,813 3,218,577 155,967 0 19,224	854,215 37 448,245 3,636,412 235,591 0 23,382 0	1,000 15,819 9,899 11,986 816 150,783 151 2,501	101 252,208 3,148 10 9 119,214 28	236 95,814 502	56 194 0 120,125 0 0 96	17,000 3,023 15 217,465 0 0 40	70 1,46 271,28 18,64 21,03
Total 4	4,676,144	4,531,689	5,467,244	267,080	455,313	560,677	170,172	282,925	517,66
Oceania: Australia New Zealand	9,915	21,661	14,893 550	13,056 2,373		20,951 4,081	2,239 909	9,877 913	24,119 1,27
Total 4	9,923	21,667	15,459	15,474	24,956	26,244	3,148	10,789	25,87
Grand total 5	615,107,188				1			4,116,627	5,515,69

See footnotes on page 138.

Table 188. - Sunflower: Area, yield, production, and value, United States, 1962-781

		Year		Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
				1,000	1,000		1,000		1,000
				acres	acres	Pounds	pounds	Dollars	dollars
962			 	 13	12.5	980	12,250	5.50	674
963			 	 31	30	970	29,100	4.35	1,260
964			 	 41.5	40	644	25,760	4.12	1,061
965	******		 	 49.5	46 73	827	38,050	4.87	1,853
966			 	 76	73	894	65,240	5.63	3,673
967			 	 221	216	1,037	223,960	4.82	10,80
968			 	 156	151	1,031	155,670	4.30	6,696
969			 	 195	185	927	171,430	4.59	7.870
1970			 	 219	207	902	186,670	4.91	9.15
971			 	 405	392	1.050	411.680	5.09	20.973
1972			 	 719	692	916	633,560	4.86	30,76
973			 	 678	666	1.080	719.070	8.52	61.24
974			 	 572	548	957	524,705	15.90	83,21
975			 	 787	709	1.109	786,010	10.80	84.96
976			 	 834	810	1.058	857,100	11.00	94.22
977				 2.321	2.205	1.252	2.760.470	10.20	280.42
1978				 2.840	2,798	1.377	3.852.540	10.70	413.52

¹Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota, except 1962-63 North Dakota only.

Table 189.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1967-781

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976	1,000 acres 95.8 54 55.2 77 164 510 495 321 573 616 2,075 2,598	1,000 acres 92.8 52.8 52.8 52.73 159 493 486 309 523 600 1,965 2,559	Pounds 1,096 1,112 1,087 945 1,108 939 1,138 1,010 1,117 1,072 1,258 1,383	1,000 pounds 101,735 58,710 56,500 69,000 176,220 463,010 553,200 312,025 584,000 643,200 2,472,120 3,538,140	Dollars 4.65 3.79 3.93 4.13 4.49 4.70 8.06 16.70 10.50 10.70 10.10	1.000 dollars 4,73 2,22 2,25 7,90 21,77 44,56 51,97 61,13 68,79 249,34 379,57

¹ Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota.

Table 190.—Sunflower, Non-Oil Varieties: Area, yield, production, and value, United States, 1967-781

Year	Year Area planted hi		Yield per harvested acre	Production	Price per cwt.	Value of production
1967 1968 1969 1970 1971 1971 1972 1973 1974 1976 1976	1,000 acres 125.2 102 139.8 142 241 209 183 251 214 218 246 242	1,000 acres 123.2 98.2 133 134 233 199 180 229 186 210 240 229	Pounds 992 987 864 878 1,011 887 922 890 1,086 1,019 1,201 1,315	1,000 pounds 122,225 96,960 114,930 117,670 235,460 170,550 165,870 212,680 202,010 213,900 288,350 314,400	Dollars 4.97 4.82 4.91 5.36 5.55 5.27 8.20 14.70 11.80 10.80 10.80	1,000 dellars 6,07 4,47 5,64 6,30 13,06 8,99 13,60 31,24 23,82 25,43 31,08 31,34

¹ Minnesota, North Dakota, South Dakota and Texas; prior to 1977, Minnesota and North Dakota. Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 191. - Sunflower: Area, yield, production, and value, by States, 1977-78

State		rea nted	harv	rea ested	Yield harvest	d per led acre	Prod	uction	Season price p		Valu produ	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Oil Varieties	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	1,000 dollars	1,000 dollars
Minn N. Dak S. Dak	455 1,190 135	650 1,740 164	1,155 131	640 1,731 159	1,590 1,270 960	1,540 1,360 1,120	713,910 1,466,850 125,760	985,600 2,354,160 178,080	10.00 10.50 8.50	11.60 10.40 10.30	71,391 154,019 10,690	114,330 244,833 18,343
U.S	295 2,075	2,598	230 1,965	29 2,559	720 1,258	700 1,383	165,600 2,472,120	20,300	8.00 10.10	10.20	13,248 249,348	379,57
Non-Oil Varieties Minn N. Dak S. Dak	70 170 1 5	60 180 1	69 165 1 5	58 179 1	1,350 1,160 800 600	1,490 1,260 940 1,500	93,150 191,400 800 3,000	86,420 225,540 940 1,500	10.50 10.90 9.50 12.00	10.50 10.90 10.80 12.50	9,781 20,863 76 360	9,074 24,584 102 186
U.S	246	242	240	239	1,201	1,315	288,350	314,400	10.80	10.80	31,080	33,94
Total Minn N. Dak S. Dak Tex	525 1,360 136 300	710 1,920 165 45	518 1,320 132 235	698 1,910 160 30	1,558 1,255 959 717	1,536 1,351 1,119 727		1,072,020 2,579,700 179,020 21,800	10.10 10.60 8.51 8.07	11.50 10.40 10.30 10.40	81,172 174,882 10,766 13,608	123,404 269,417 18,444 2,256
U.S	2,321	2,840	2,205	2,798	1,252	1,377	2,760,470	3,852,540	10.20	10.70	280,428	413,52

Table 192. - Peppermint oil: Area, yield, production, and value, United States, 1962-78

	Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
1962		1,000 acres 42.0	1,000 acres 41.7	Pounds 57	1,000 pounds 2,382	Dollars	1,000 dollars
1963		43.8	43.4	55	2,302	5.04	12,010 11,300
1964		46.1	45.8	56	2.552	4.64	11,83
1965		46.8	43.7	61	2,667	5.46	14,57
1966		59.2	58.3	61 56	3,291	5.56	18.30
1967		65.7	64.8	71	4.599	5.55	25.51
1968		75.5	74.6	71 55	4.137	5.17	21.38
1969		81.2	80.4	59	4,750	4.83	22.94
1970		79.0	78.4	64	5,007	3.68	18,43
1971		65.5	64.7	58	3,746	4.10	15,37
1972		61.4	57.1	53	3.004	5.25	15.76
973		59.6	58.7	54	3,173	7.89	25,03
974		61.8	61.0	. 54 55	3,302	13.80	45,66
975		(1)	68.1	55	3,753	12.60	47.12
976			72.2	51	3,700	14.80	54.70
977			86.9	51	4,409	14.30	63.20
1978			100.0	57	5,728	10.60	60.96

Estimates discontinued.

Table 193.—Spearmint oil: Area, yield, production, and value, United States, 1962-78

	Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
1962 1963		1,000 acres 21.2 13.0	1,000 acres 21.1 12.4	Pounds 83 57	1,000 pounds 1,123 707	Dollars 2.83 3.06	1,000 dollars 3,18: 2,16
1964 1965 1966	• • • • • • • • • • • • • • • • • • • •	9.7 10.8 16.8	9.5 10.4 16.6	51 55 63 77	489 570 1,050	3.68 4.99 5.73	1,796 2,84 6,01
1967 1968 1969	• • • • • • • • • • • • • • • • • • • •	21.3 24.8 33.8	21.1 24.3 33.3	58 59	1,632 1,414 1,980	5.50 5.70 5.12	8,97 8,05 10,13
1970 1971 1972		33.2 31.5 25.6	32.6 30.9 24.6	65 65 61	2,126 2,008 1,511	4.64 4.18 5.14	9,87 8,40 7,76
1973 1974 1975		25.4 26.9	25.0 26.4 28.0	54 55 64	1,351 1,463 1,778	8.22 10.70 10.40	11,10 15,66 18,46
1976 1977 1978	***********************		29.0 37.1 46.1	58 63 70	1,686 2,329 3,244	12.30 12.40 7.46	20,77 28,94 24,20

¹ Estimates discontinued.

Table 194. - Mint Oil: Production and value, by States, 1976-78

State		Production	1	Pri	ce per pou	and		Value of production	
duie	1976	1977	1978	1976	1977	1978	1976	1977	1978
Peppermint:	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Idaho Ind Oreg Wash Wis	275 238 2,310 534 343	356 216 2,805 794 238	670 347 3,306 1,126 279	14.00 14.10 15.00 14.10 15.50	13.50 16.40 14.30 13.60 16.60	7.20 14.00 11.00 9.90 13.50	3,850 3,356 34,650 7,529 5,317	4,806 3,542 40,112 10,798 3,951	4,824 4,858 36,366 11,147 3,767
U.SSpearmint:	3,700	4,409	5,728	14.80	14.30	10.60	54,702	63,209	60,962
Idaho	174 187 98 1,123 104	273 165 79 1,705 107	403 194 104 2,402 141	15.00 14.20 12.10 11.10 17.90	14.50 16.90 16.50 11.10 18.40	7.00 12.50 12.60 6.70 11.00	2,610 2,655 1,186 12,465 1,862	3,959 2,789 1,304 18,926 1,969	2,821 2,425 1,310 16,093 1,551
U.S	1,686	2,329	3,244	12.30	12.40	7.46	20,778	28,947	24,200

- ¹For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.
 ²Preliminary.
 ²Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the ³Crude and remises of Census.

 4 Includes quantities exported to countries not shown.

 5 Total may not add due to rounding.

 6 Includes 367,854 metric tons, 397,403 metric tons, and 598,426 metric tons transshipped via Canada to unidentified countries in 1975, 1976, and 1977 respectively.

Table 195.—Olive oil: Production in specified countries and the world, 1975-78

Country	1975	1976	1977	19782	Country	1975	1976	1977	19782
Europe: France Oreece Italy Portugal Spain	1,000 metric tons 2 237 433 48 333	1,000 metric tons 2 257 633 49 455	1,000 metric tons 2 224 301 36 390	1,000 metric tons 2 231 692 30 339	Africa: Algeria Morocco Tunisia Libya	1,000 metric tons 9 26 117 8	1,000 metric tons 17 38 180 15	1,000 metric tons 16 30 85 8	1,000 metric tons 16 15 105 12
Yugoslavia	4	4	4	4	Total	160	250	139	148
Total	1,057	1,400	957	1,298	Argentina	23	15	20	15
Middle East:	5		,	,	Other countries	5	5	4	5
Jordan Syria Lebanon Turkey	1 44 14 110	5 33 6 96	56 6 150	7 38 6 60	World total	1,419	1,810	1,335	1,578
Total	174	140	215	112	1				

¹ Production in marketing year beginning Nov. 1; excludes residue oil. ² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 196. - Margarine, actual weight: Supply and disposition, United States, 1964-78

	Supply			Dispos	ition		
-				Domestic disappearance			
Production	Stocks, Jan. 1	Total supply	Exports and shipments	Millian	Civilian		
				Military	Total	Per capita	
Millions pounds 1,857 1,904 2,110	Million pounds 36 48 42	Million pounds 1,893 1,952 2,152	Million pounds 9 8	Million pounds 2 11 46	Million pounds 1,835 1,891 2,038	Pounds 9.7 9.5 10.5	
2,141 2,182 2,230 2,290	60 49 52 46	2,201 2,231 2,282 2,336	10 12 13 13	12 13 2 1	2,130 2,154 2,223 2,264	10.9 10.9 11.0 11.1 11.1	
2,359 2,398 2,399 2,628	69 61 64 60	2,428 2,459 2,463 2,688	13 15 17 20	4 9 11 6	2,350 2,371 2,375 2,595	11. 11. 11. 12. 11.	
	Millions pounds 1,857 1,954 2,110 2,114 2,141 2,182 2,230 2,290 2,364 2,359 2,398 2,399	Production Stocks, Jan. 1 Millions pounds 1,857 1,954 48 2,110 42 2,114 53 2,141 90 2,230 52 2,290 46 2,364 57 2,359 69 2,398 61 2,399 64 2,6628 60	Production Stocks, Jan. 1 Supply	Production Stocks, Jan. 1 Total supply Exports and shipments	Production Stocks, Jan. 1 Stocks and shipments Millions and pounds Million pounds 1,887 36 1,893 8 1,894 46 1,985 8 11 2,110 42 2,152 14 46 2,114 55 2,167 15 47 2,141 60 2,201 10 12 2,182 49 2,231 12 13 2,230 52 2,282 13 1 2,384 57 2,421 13 1 2,389 66 2,428 13 4 2,398 66 2,428 13 4 2,398 66 2,463 17 11 2,628 60 2,668 20 6 2,535 67 2,602 20 7 6 6 2,535 67 2,602 20 7 6 6 2,535 67 2,602 20 7 6 6 2,535 67 2,602 20 7 7 11 11 2,628 60 2,668 20 6 6 2,535 67 2,602 20 7 7 11 11 2,535 67 2,602 20 7 7 11 11 11 11 12 13 1 11 1	Production Stocks, Jan. 1 Stocks and supply Exports and shipments Total and shipments Total	

Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Totals and per capita estimates computed from unrounded numbers.

Table 197. - Margarine: Fats and oils used in manufacture, United States 1964-78

			v	egetable o	ils	Tall I		Anim		
Year	Soybean oil	Cotton- seed oil	Peanut oil	Corn-oil	Coconut	Safflower oil	Other	Lard	Beef fats	Total
	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million
964	pounds 1,139	pounds 101	pounds 10	pounds 150	pounds	pounds 12	pounds 5	pounds 64	pounds 13	pounds 1,50
965	1,112	114	4	161	5	10	14	100	14	1,53
966	1,294	106	6	157	12	46	1	82	5	1,71
967	1,249	78	5	176	15	42	4	125	10	1,70
968	1.240	70		179	14	42 42	3	153	15	1.72
969	1.332	70 76	4 3	172	15	44	3	86	13	1,74
970	1,410 1,385	68		185	10	22 19 20 32	1	90	8	1.79
971	1.385	63 65		196	7	19	2	159	10	1.83
972	1.461	65		194	6	20	2	128	10	1.88
973	1,491	63		213	4	32	8	72	8	1.89
974	1,457	58		188	9	16	9	160	7	1.90
975	1,568	46	1	188	20		38 58	45 37	7	1,92
976	1,671	51	38	218	4	10	58	37	7	2,09
977	1,584	44	15	243	5 7	8	48	73	7	2,02 1,96
9781	1,593	42		211	7	10	27	68	6	1,96

¹ Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 198.—Shortening: Supply and disposition, United States, 1964-78

		Supply				Disposition		
Year	Factory		Total		Shipments to U.S.	Domes	tic disappe	arance
	warehouse stocks, Jan. 1	Production	Total supply 1	ly 1 Exports	Terri- tories ²	Military	Civilian	Civilian per person
	Million	Million pounds	Million	Million	Million	Million	Million	Pounds
1964	119	2.664	2.783	16	pounds 5	43	2.598	13.
1965	121	2,792	2.913	40	5	57	2,695	14.
1966	117	3,181	3,298	30	12	59	3,079	15.5
1967	119	3,226	3,345	28	11	59 58	3,108	15.
1968	139	3,312	3,451	34	10	53 54	3,211	16.
1969	143	3,481	3.624	23	9	54	3,398	17.
1970	139	3,588	3,727	23 25 20 24 25	12 10	60	3,496	17.
1971	128	3.515	3,643	20	10	61	3,429	16.
1972	128	3,731	3,859	24	9	48 20	3,651	17:
1973	127	3,636	3,763	25	10	20	3,593	17.
1974	115	3,703	3,818	53	8	51	3,572	17.
1975	134	3,713	3,847	43	13	5	3,661	17.
1976	125	3,929	4,054	51	14	3	3,858	18.
1977	128	3,843	3,971	46		10	3,787	17.
1978 3	113	4,015	4,128	34	15	10	3,972	18.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments.

Includes imports, which are negligible.
 Shipments to Puerto Rico and Virgin Islands only.
 Preliminary.

Table 199. - Shortening: Fats and oils used in manufacture, United States, 1964-78

			V	egetable o	ile '			Anim	Total	
Year	Cotton- seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	and secondary fats and oils
	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million
W44	pounds 378	pounds 1,388	pounds 18	pounds	pounds	pounds 11	pounds	pounds 446	pounds 430	pounds 2.69
65	403	1,471	20	3	A	13	6	456	388	2,69
66	370	1,734	20 38	14	8	38	8	491	491	3.19
67	273	1.741	40	14 24 21 16	12	61	10	576	506	3,19
68	248 248	1,842 2,101	41 47 45 56 82 86	21	10	72	4	601	487	3.32
×69	248	2,101	47	16	13	110	13	475	483	3,50
770	276	2,182	45	16	12	90	7	430	522	3,58
71	168	2,047	56	15	5	171	11	520	517	3,51
72	189	2,163	82	16		285	20 29 35	441	495	3,32 3,50 3,58 3,51 3,69 3,71
73	199	2,268	86	16 21	5	333	29	341	442	3,71
974	194	2,177	61	21	.7	304	35	317	501	3,61 3,75
976	154	2,025	106	11 38	5	758	69	165	458	3,75
977	128 160	2,323	128 78	38		516 416	8 9	156	453	3,75
9781	188	2,479	75	22 16	4	220	9	185	548 765	3,70

1 Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 200. — Food fats and oils (including fat content of butter): Supply and disposition, United States, 1964-781

	Stocks Produc- Jan. 1 tion 2	Imports		of other Total supply		Total Property 24 1	Nonfood use	Net domestic disappearance of fats and oils for foods 5	
				oils 3				Total	Per capita
	Million	Million	Million	Million	Million	Million	Million	Million	
964	pounds 2,396	pounds 14,051	pounds 72	pounds 307	pounds 16.826	5,633	pounds 572	pounds 9,124	Pounds 47.6
965	1,497	14,267	49	347	16,160	5,205	621	9,294	47.5
966	1.041	14,504	- 65	488	16,098	4.273	685	9,777	49.6
967	1,363	14,546	78	587	16,574	4.579	635	9,777	49.2
968	1.583	14,924	91	552	17,150	4,794	680	10,252	51.1
969	1,423	15,817	69	623	17,932	5,417	661	10,461	51.6
970	1,524	18,518	887		20,929	7,399	1,138	10,808	52.8
971	1,584	18,264	1,007		20,855	7,591	839	10,762	52.0
972	1,663	18,153	1,281		21,097	7,206	775	11,288	54.1
973	1,828	17,806	1,313	******	20,947	7,494	704	11,337	53.9
974	1,412	19,392	1,160	*******	21,964	8,478	736	11,243	53.0
975	1,507	17,289	2,047	******	20,843	7,113	750	11,328	53.0
976	1,652	20,421	2,202	******	24,275	8,503	1,196	11,965	55.€
978	2,509 1,851	21,300 25,949	2,002 1,549		25,811 29,349	9,698	950 13,106	14,006 15,437	56.5 56.0

¹Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.

²Production and exports also include oil equivalent of exported soybeans, cottonsed, and peanuts for crushing

abroad.

3 Chiefly coconut, palm kernel oil, and palm oil.

4 Includes shipments to U.S. Territories.

5 In some years disappearance cannot be computed from data contained in this table as adjustments have been made because additional items have been incorporated in stock data.

6 Preliminary.

6 Preliminary. Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Commerce and Agriculture Departments. Total and per capita estimates computed from unrounded numbers.

Table 201.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1964-78

		Su	pply		Dispo	eition	
Year	Production from domestic materials 1	Imports and production from imported materials	Stocks Jan. 1	Total	Exports 12	Domestic disappear- ance	
1964	Million pounds pounds pounds 20,672 1.1 20,532 1.1 21,013 1.3 22,004 1.3 22,496 1.3 22,496 1.2 25,347 1.4 24,586 1.2 26,824 1.3 23,609 2.3 23,609 2.3 23,609 2.3 23,609 2.3 24,666 1.2 25,609 2.3 23,609 2.3 23,609 2.3 23,609 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 23,609 2.3 24,666 2.3 24,6	Million pounds 1,131 1,189 1,359 1,316 1,398 1,411 1,363 1,204 1,459 1,487 1,389 2,203 2,422	Million pounds 3,599 2,721 2,445 2,794 2,688 2,405 2,286 2,392 2,543 2,544 1,905 1,976 2,081 1,976 2,081	Million pounds 25,402 24,442 24,817 25,114 25,562 26,247 28,661 29,022 29,349 28,617 30,118 27,788 32,301	Million pounds 8,211 7,481 6,725 7,248 7,354 7,613 10,150 10,465 10,482 11,768 9,592 11,579	Million pounds 14,328 14,538 15,312 15,145 16,393 16,119 15,770 16,340 16,237 46,115 17,636 17,315	

Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)

Year		4	Food	luses			Nonfood uses				
	Butter (fat content)	Lard (direct)	Short- ening	Margarine (fat content)	Other	Total	Soap ³	Drying- oil products	Other industrial	Total	
1964 1965 1966 1967 1967 1968 1970 1971 1972 1973 1973 1974 1975 1976	Million pounds 1,040 911 887 957 908 890 860 837 812 776 821 758	Million pounds 1,194 1,226 1,076 1,056 1,108 1,012 940 881 787 705 681 632 585	Millian pounds 2,693 2,768 3,190 3,243 3,326 3,505 3,556 3,490 3,698 3,614 3,622 3,666 3,961	Million pounds 1,500 1,534 1,710 1,703 1,720 1,744 1,787 1,811 1,864 1,891 1,907 2,069	Million pounds 2,820 2,949 2,915 3,012 3,149 3,620 4,102 4,322 4,271 4,298 4,689	Million pounds 9,305 9,517 9,802 9,901 10,260 10,789 10,808 10,762 11,288 11,337 11,241 11,325 11,961	Million pounds 803 746 731 718 706 759 745 811 728 787 808 944	Million pounds 902 909 923 859 868 738 604 631 570 686 563 429 547	Million pounds 3,404 3,347 3,842 3,855 3,846 4,169 3,778 3,724 4,102 3,777 4,220	Million pounds 5,106 5,002 5,496 5,432 5,613 5,141 5,100 5,300 5,156 5,451 5,018 5,711	
1000	758 761 783	585 511 502						429 547 543 637	3,777 4,220 4,142 3,574		

Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.
 Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.
 Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."
 Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Total computed from unrounded numbers.

Table 202.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1975-78

Comments.	1	World pro	duction 1		W	orld export	
Commodity	1975	1976	1977	19782	1975	1976	19772
	1,000	1.000	1.000	1.000	1.000	1.000	1.000
	metric	metric	metric	metric	metric	metric	metric
Edible vegetable oils:	tons	tons	tons	tons	tons	tons	tons
Cottonseed	3.219	2.766	2.940	3,383	404	323	408
Peanut	3,183	3,583	3.252	3.124	729	956	840
Soybean	8.325	10,174	9,128	11.213	3,521	4.504	4.850
Sunflower	3,989	3.665	3,730	4,608	729	701	856
Rapeseed	2,713	2.857	2.269	2,930	611	823	890
Sesame	603	630	590	647	92	104	75
Safflower	217	320	201	267	32	104	12
Olive ³	1.419	1810	1,335	1.581	455		480
Corn	297	412				*140	
Corn	201	412	410	429	61	82	96
Total	23,965	26,217	23,855	28,182	6,234	7,638	8,107
Palm oils: 8							
Coconut	2.918	3.314	3.059	3.125	1.517	1.723	1.440
Palm kernel	497	511	543	568	358	406	336
Palm	2.900	3.084	3.368	3.487	1.793	1.929	
Babaseu kernel ⁶	105	125	90	95		(7)	1,974
	105	125	90	90	- 1	(1)	4
Total	6,420	7,034	7,060	7,275	3,669	4,058	3,753
Industrial oils:							
Linseed	745	792	718	957	261	277	360
Castor	339	306	342	414	157	214	200
Oiticica	11	15	14	14	7	(7)	1
Tung	108	100	95	110	43	51	46
Olive residue*	132	186	153	160	(9)	(9)	(9)
Total	1,335	1,399	1,322	1,655	468	542	608
Animal fata:							
Butter (fat content)	4,572	4,690	4,879	4,930	726	798	823
Lard 10	4,330	4.145	4.297	4.324	534	484	493
Tallow and grease 11	4,411	5,141	5,419	5,383	1,595	1,732	2,068
Total	13,313	13,976	14,595	14,637	2,855	3,014	3,380
Marine oils:							
Whale	45	45	40	40	15	12	10
Sperm whale	119	119	110	110	26	21	20
Fish (including liver)	1.003	953	893	915	542	521	54
	-		000				
Total	1,167	1,117	1,043	1,065	583	554	574
Total all commodities	46,200	49,743	47,875	52,814	13,809	15,806	16.42

1 Years indicated are those in which the predominant share of the given oil or fat was produced from its related raw

1 Years indicated are those in which the predominant share of the given on or lat was produced from his related farmaterial.

2 Preliminary.

3 Excludes olive residue oil.

4 Net exports.

5 Production estimated on the basis of exports and information available on consumption in the various producing

** Production only.

*Mill production only.

**Less than 500 metric tons.

**Includes quantities of refined oil for edible purposes.

**Not separately classified.

**Not separately classified only in most countries.

**Production relates to rendered lard only in most countries.

**Includes quantities of refined only in most countries.

**Production relates to rendered lard only in most countries.

**Includes quantities of refined and only in most countries.

**Includes quantities of refined only in most countries.

**Includes quantities of refined only in most countries.

**Includes quantities of refined oil for edible purposes.

**Includes quantities oil for edible purposes.

**I Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 203.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1964-78

Year		Animal		Oi	lseeds and nu	is	
beginning January	Lard 3	tailow, greases, and oils ²	Cotton- seed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	Metric	Metric	Metric	Metric	Metric	Metric	Metric
	tons	tons	tons	tons	tons	tons	tons
964	432.913	974,553	7,869	176,459	4.292	36,969	5,701.84
965	161.798	923,230	4.813	99,688	1.776	78.205	6.195.88
966	128,141	845,278	8,708	169,237	1,083	59,458	6.751.30
967	144,379	956,229	4.161	153,151	335	80,396	7,169.00
968	142,413	955,474	3,099	258,520	146	56,964	8.014.3
969	160,900	823,211	6,639	207.536	363	28,256	8,468,9
970	234,140	957,569	22,084	74.330	1,125 3,522	54,099	11,954,5
971	183,890	1.130,745	32,716	10,731	3,522	109,200	11,538,4
972	114.399	1.034.381	3,089	268,168	15,408	181,065	11,995,7
973	76.828	1.026,580	11.952	10,627	11,018	183,393	13,220,5
974	47,379	1.177.939	44,277	9,296	24,060	240,307	13,939,7
975	88,969	866,852	6,770	27,138	11,907	235,059	12,496,2
976	117,250	1,040,709	64,810	10,401	7.393	128,931	15.332.1
977	152,449	1.249.272	14,727	23.812	14,778	299,331	16,195,4
9783	100,558	1.181.248	42,908	2.392	40.117	354,735	20,704.5

Year			v	egetable oil				Oilseed cake and meal	
January	Cocoa butter	Coconut oil	Cotton- seed oil 4	Linseed oil	Marga- rine	Peanut oil	Soybean oil 8	Soybean	Other
	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric
and the same of th	tons	tons	tons	tons	tons	tons	tons	tons	tons
964	37	869	322,586	8,666	1,416	36,891	611,251	1,568,408	152,24
1965	76	1,105	256,200	18,931	1,330	27,726	553,173	1,968,788	242,64
1966	183	2,414	83,776	57,200	1,998 2,255	4,047	393,776	2,271,260	193,85
1967	125	1,882	33,521	20,577	2,255	2,695	514,671	2,464,990	123,78
1968	147	2,061	27,013	49,797	1,408	1,395	434,206	2,698,022	149,15
1969	217	2,541	118,251	17,398	1,713	15,206	403,068	2,995,703	141,68
1970	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,92
1971	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,67
1972	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,94
1973	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,27
1974	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,13
1975	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,824	165,67
1976	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,29
1977	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,01
19783	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,576	338,57

¹ Includes choice white hog grease.

² Includes animal fats and oils (except wool grease).

³ Preliminary.

⁴ Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) 48,855 metric tons in 1964. Beginning January 1965, donations included as reported by the Bureau of the Census.

⁵ Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) 33,738 metric tons in 1964. Beginning January 1965, donations included as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 204.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1964-78

V					Oils	eeds			
Year beginning January	Castor beam	Copre		Flaxse	ed		anuts shelled	Peanuts shelled ¹	Poppy seed
1964	Metric tons 15 513 657 9 4 6 6 5 5 4 4 4 5 3 0 0 0	278, 243, 276, 291, 272, 197,	354 933 293 646 836 215 631 351 980 566	· 13 3 32 38		A	Setric tons 770 338 706 775 357 64 127 746 825 17 70 10 210 199 168	Metric tons 303 213 337 204 377 145 98 86 448 205 175 241 49 49	Metric 40ms 3,863 2,824 3,106 3,023 3,662 2,461 2,990 2,287 3,511 2,451 1,856 7,002 2,539 4,172 2,685
		Oilseeds -	Contin	nued					
Year beginning January	Rapeseed	Sesame seed	Soyb	eans	Coc		Castor	Coconut	Linseed
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976 1977 1977	Metric tons 419 555 280 280 206 206 524 15 59 4,625 2,412 205 415	Metric fons 11,256 11,563 12,792 16,263 15,419 17,608 19,351 20,612 21,419 23,952 25,973 20,248 28,649 28,357 32,000	Metric tons 11 6 15 24 7 4 28 25 61 310 34 41 105 69		7 9 10 9 6 15 15 20 15 16 15 23		Metric fons 43,724 58,730 47,229 44,062 48,086 64,437 48,293 34,689 44,240 45,962 55,665 31,130 53,613 56,059 350,315	Metric tens 180,142 180,021 226,522 197,027 193,902 299,753 285,148 397,793 325,703 245,969 394,207 552,007 451,033 463,803	Motric tons 12 15 15 15 17 19 15 15 15 15 15 15 15 15 15 15 15 15 15
			Vegeta	ble oils	Cont	inued			Total oilseed
Year beginning January	Olive oil	Palm oil	Pai kerne		Pean	rut	Rapeseed oil	Tung oil	cake and meal
964 996 996 996 997 9977 9978 9	Metric tons 30,427 20,606 22,417 25,963 29,110 26,233 28,499 28,079 30,594 27,296 24,364 28,303 24,633 28,087	Metric tons 2,838 2,974 34,422 29,149 46,852 72,404 63,897 102,913 195,551 176,994 186,626 436,338 351,869 249,501 146,431	37 48 47 54 45 37 43 45 66 73 63				Metric tons 2,618 1,991 3,398 3,893 4,368 4,269 3,287 5,018 5,172 6,334 7,696 2,624 5,511 6,876 6,461	Metric terms 13,222 10,553 13,777 9,042 7,565 10,190 8,234 10,088 9,797 9,886 9,542 13,637 15,663 8,537 8,125	Metric tons 40,956 40,224 60,331 40,853 23,835 7,835 4,717 15,040 22,423 18,779 4,302 20,128 8,977

¹ Includes blanched or roasted peanuts. ² Preliminary. ³ Excludes February imports of castor oil.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 205.—Animal tallow, greases, and oils: United States exports by country of destination, 1976-78

Continent and country	1976	1977	19782	Continent and country	1976	1977	19782
	Metric	Metric	Metric		Metric	Metric	Metric
North America:	tons	tons	tons		tons	tons	tons
Canada	4.902	4.039	2.853	Soviet Union			43,706
Dominican Republic	13.223	15,791	14.745				
El Salvador	14.092	20,434	19.037	Africa:			
Guatemala	11.134	8,634	7,334	Algeria	27.542	34.417	39.270
Haiti	7,886	8,738	10,620	Cameroon	4.038	3,785	3,191
Honduras	3.762	8,789	9,722	Ghana	7.242	9,434	3.216
Jamaica	9,436	10,797	12.983	Kenya	1.482	1,659	1.096
Mexico	25.867	40.762	49,174	Madagascar	3.768	4.433	4,991
Mexico	5.884	7.724	4.513	Morocco	9,348	10.658	8,752
Nicaragua							
Trinidad and Tobago	3,871	3,935	2,230	Nigeria	27,325	34,016	34,718
Other countries	2,469	3,904	3,458	Senegal	3,854	4,975	2,995
				Egypt	127,536	113,396	134,018
Total	102,526	133,547	136,669	South Africa	20,638	11,440	16,758
				Ivory Coast	322	500	794
South America:			100 100 100	Other countries	2,535	9,278	1,296
Argentina	442	75	76				
Brazil	1.560	8.536	7	Total	235,630	237,991	251,095
Chile	3.966	5.084	6.443		200,000		
Colombia	30,365	35,486	37,745	Asia:			
Ecuador	4.204	5,194	3,909	Afghanistan	800	399	607
Peru	4.155	4.950	3.253	Bangladesh	1.590	11.583	822
Venezuela	17,505	14,995	25,721	Iran	18,358	18,217	18,817
Other countries	1.495	3,755	2,277	Iraq	12,744	1.995	8,664
Other countries	1,490	3,100	2,211	China: Mainland	12,199	8,100	24.868
Total	63.692	78,075	79.431	Taiwan	0 470	12.954	28,181
Total	63,692	78,075	79,431		6,478		
				India	13,794	25,316	18,761
Europe:				Japan	103,702	104,733	89,300
Belgium and				Korea, Rep. of	92,779	94,422	87,634
Luxembourg	36,932	41,508	26,332	Lebanon	2,701	6,500	7,925
France	11,515	26,168	12,618	Pakistan	30,588	49,644	43,853
France Germany, Fed. Rep. of	59,818	84,480	76,921	Philippines	5,645	4,465	5,200
Italy	24,469	23,506	6,364	Singapore	105	131	161
Netherlands	76.413	96,728	95,046	Turkey (Europe			
United Kingdom	55.883	91.107	57,049	and Asia)	11.248	6.468	4.040
Greece	2.965	3.043	1.733	Thailand	63	109	1,226
Norway	4.569	5,746	2.815	Other countries	704	1.639	1,258
Portugal	11,629	19,190	6.059	Culei countries	104	2,000	4,000
Spain	39,309	43,347	33,795	Total	301,299	346,675	341.317
Sweden	67	96	33,795	Iotal	301,299	340,013	941,011
Sweden					108	178	
Switzerland	3,766	8,541	839	Oceania	108	178	390
Poland	9,990	9,320	7,721				1 101 01
Other countries	132	23	1,703	Grand total ³	1,040,709	1,249,272	1,181,248
Total	337.457	452.803	328,998		1		

¹ Includes animal fats and oils (except wool grease).

² Preliminary.

³ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 206.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1964-78

		Sup	ply	-		Dispo	sition		Price of
Year		Apparent				Facto	ory consum	ption	inedible tallow No. 1 at
	Stocks Jan. 1	produc- tion 1	Imports	Total	Exports	Total	Use in soap	Other use	Chicago, per pound
	Million	Million	Million	Million	Million	Million	Million	Million	
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	Cents
964	377 366	4,688 4,383	2	5,067 4,751	2,399 2,127	2,301	691	1,610	5.9
966	414	4,480	- 2	4,751	1.975	2,210 2,473	651 667	1,559	7.2 6.5
967	447	4,753	6	5,206	2.222	2,559	643	1,916	4.6
968	425	4,745		5,176	2,240	2,580	639	1.941	4.2
969	358	4,655	6	5,019	1.896	2,775	635	2,140	6.0
970	348	4,906	7	5,260	2.242	2.622	602	2,019	7.1
971	396	5,210	5	5,611	2,607	2,623	588	2,035	6.6
972	380	5,078	2	5,460	2.357	2,762	640	2.122	6.0
973	341	4.843	10	5,194	2.299	2.540	566	1.974	12.4
1974	356	5,664	12	6,032	2,623	3,029	632	2,397	15.2
1975	380	4,801	15	5,196	2,011	2,908	662	2,246	12.0
1976	277	5,774	9	6,060	2,337	3,367	764	2,603	13.5
1977	355	5,981	4	6,340	2,893	3,099	737	2,366	13.6
19782	344	5,871	3	6,218	2,698	3,184	695	2,489	16.0

¹Computed from factory consumption, foreign trade, and stocks; from October 1966 through 1969, production as reported by the Bureau of the Census.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal.

Table 207. - Drying-oil industries: Fats and oils used, United States, 1964-77

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor	Oiticica oil	Other primary fats and oils	Sec- ondary fatty materials	Tall oil	Total 1
1964 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1976 1976	Million pounds 372 328 310 303 251 271 230 276 206 322 194 125 170 156	Million pounds 188 208 214 192 193 191 169 148 141 142 172 144 164 172	Million pounds 31 34 33 37 38 31 28 23 31 35 35 19	Million pounds 41 80 130 65 122 63 25 28 32 24 27 16 10 111	Million pounds 111 107 89 92 89 61 28 39 54 46 26 5 39 63	Million pounds 10 8 8 1 11 11 12	Million pounds 23 4 1 5 8	Million pounds 24 23 24 57 47 12 19 16 16 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15	Million pounds 102 117 114 107 109 88 75 71 73 79 67 55 71 85	Million pounds 900 900 902 856 868 738 600 631 570 684 542 547

¹ Excludes fats and oils used in fatty acids, many of which are used in drying-oil products. ² Beginning 1969, not reported separately. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. These estimates include utilization in paints, varnishes, floor coverings, printing inks, core oil resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics. Compiled from reports of the Commerce and Interior Departments. Totals computed from unrounded numbers.

Table 208.—Fats and oils: Use in products for civilian consumption, United States, 1964-78

						Food p	roducts					
Year		tter weight)	marg shorts and no	arine, ening,	Marg (actual		Short	ening	Edible	oils 1	All	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1964	Million pounds 1,297 1,232 1,099 1,076 1,117 1,061 1,039 1,017 1,000	6.9 6.4 5.7 5.5 5.7 5.4 5.3 5.1 4.9 4.8	1,193 1,225 1,071 1,055 1,106 1,011 939 880 787 705	Pounds 6.3 6.4 5.5 5.4 5.6 5.1 4.7 4.3 3.8 3.4	1,835 1,891 2,038 2,046 2,130 2,154 2,223 2,264 2,338 2,350	Pounds 9.7 9.9 10.5 10.8 10.8 11.0 11.1 11.3 11.3	2.598 2.695 3.079 3.108 3.211 3.398 3.496 3.429 3.650 3.593	Pounds 13.7 14.1 15.9 16.3 17.1 17.3 16.8 17.7 17.3	2,677 2,711 2,929 2,956 3,153 3,333 3,605 3,695 4,084 4,312	Pounds 14.4 14.1 15.1 15.2 16.0 16.8 17.9 18.0 19.8 20.8	8,994 9,147 9,615 9,634 10,082 10,333 10,681 10,650 11,204 11,296	47.6 47.8 49.3 49.4 51.3 51.5 53.0 52.3 54.3
1974 1975 1976 1977	955 1,012 935 937 968	4.6 4.8 4.4 4.3 4.5	681 632 568 495 482	3.2 3.0 2.7 2.3 2.2	2,370 2,375 2,595 2,508 2,494	11.3 11.2 12.2 11.6 11.4	3,571 3,661 3,859 3,796 3,972	17.0 17.3 18.1 17.5 18.2	4,258 4,275 3,966 3,958 4,263	20.3 20.3 22.0 23.4 23.2	11,163 11,297 11,923 11,694 12,179	53. 53. 56. 54. 55.

MOCOPPERS

888

SSTTTTTT

		*	1	Industria	producta				A	ill produc	ta
	Sor	ip⁴	Dryin	ng-oil	indu	her strial	indu	il strial	We	ight	
Year	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Including actual weight of butter and mar- garine	Including only fat content of butter and margarine	Per capita ²
1964	Million pounds 773 706 719 706 689 678 751 738 802 721 779 800 935 953 887	Pounds 4.1 3.7 3.6 3.5 3.4 3.7 3.6 3.9 3.5 3.7 3.8 4.4 4.1	Million pounds 889 895 908 844 850 728 598 624 564 679 558 425 541 604 703	Pounds 4.7 4.7 4.3 3.7 3.0 2.7 3.3 2.7 2.0 2.5 2.8 3.2	Million pounds 3,320 3,215 3,703 3,684 4,009 3,740 4,061 3,740 4,196 4,396 4,396	Pounds 17.6 16.8 19.1 18.8 20.1 18.6 18.1 18.8 17.8 19.4 17.7 19.3 20.6 22.1	Million pounds 4,963 4,816 5,329 5,245 5,410 5,049 5,252 5,106 5,397 4,965 5,672 5,953 6,426	Pounds 26.3 25.1 27.6 26.6 27.2 25.4 24.5 7 23.5 26.6 27.3 29.4	Million pounds 14,583 14,571 15,253 15,475 15,962 16,380 16,436 17,128 17,067 17,256 17,6937 17,595 17,645 18,606	Million pounds 13,977 13,963 14,988 14,868 15,327 15,743 15,770 16,456 16,403 16,560 17,612 17,612 17,612 18,603	Pounds 73.9 72.1 77.2 77.2 77.2 77.2 77.2 77.2 77.2

¹ Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or

¹ Mainly salad and cooking outs. Includes all root has a substantial and cooking out the fact content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.

² Preliminary.

³ Preliminary.

⁴ Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."

⁵ Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking, and other protective coatings.

Economics, Statistics, and Cooperatives Service — Economics. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers.

Table 209.—Fats and oils: Wholesale price per pound, 1967 and 1975-78

Item and market	1967	1975	1976	1977	19781
	Cents	Cents	Cents	Cents	Cents
Butter, creamery, Grade A, (92-score) bulk, New York	67.7	81.3	95.2	101.9	115.4
Butter, creamery, Grade B, (91 & 93-score) bulk, Chicago	66.8	79.3	91.2	99.0	107.6
Butter, creamery, Grade A. (92-score) prints, San Francisco	79.8	95.5	109.9	113.4	127.8
Coconut oil, crude, tank cars, Pacific Coast mills	13.5	20.0	20.3	27.8	34.1
Coconut oil, refined, tanks, New York		21.6	25.2	33.0	37.0
Corn oil, refined, tanks, New York	15.4	36.7	30.9	36.6	43.2
Corn oil, crude, tank cars, f.o.b. midwestern mills	12.4	32.3	25.8	30.7	36.0
Cottonseed oil, crude, tank cars, f.o.b. southeastern mills	11.8	27.6	23.9	24.3	26.9
Cottonseed oil, crude, tank cars, f.o.b. Mississippi Valley	11.8	27.2	23.3	24.5	27.2
Cottonseed oil, refined, tanks, New York	14.5	32.6	29.7	30.5	33.7
Degras, lanolin, technical, drums, New York	22.0	127.6	96.8	64.0	64.0
Grease, A white, tank cars, delivered Chicago	5.5	14.8	14.9	17.1	19.1
Grease, Yellow, tank cars, delivered Chicago	4.6	11.8	13.1	13.5	15.8
Lard, loose, tank cars, Chicago	7.8	30.9	17.8	21.3	23.1
Lard, prime steam, tierces, Chicago	7.8	29.6	18.0	20.9	23.3
Lard, refined, 1-pound and 2-pound prints, Chicago	13.6	35.9	24.3	34.3	34.0
Linseed oil, raw, tank cars, Minneapolis	12.9	40.0	27.0	26.5	24.5
Linseed oil, raw, tanks, New York	14.0	41.5	29.7	30.0	24.6
Margarine, colored, delivered Eastern United States Margarine, yellow quarters, f.o.b. Chicago	25.7 25.8	52.7 39.8	44.3 31.4	47.7 39.1	52.9 39.8
The state of the s	-	-			-
Margarine, white, domestic vegetable, Chicago	22.8	37.9	31.4	39.1	43.5
Menhaden oil, light pressed, tanks, New York	10.7	28.0	18.2	20.5	22.0
Oiticica oil, drums, f.o.b. New York	19.0	32.2	38.3	74.2	70.7
Oiticica oil, tanks, New York Olive oil, imported, edible, drums, New York	17.0	29.2	35.3	75.6	75.8
Palm oil, clarified, tank wagon, f.o.b. New York	38.1	112.7	97.8	86.7	85.4
Peanut oil, crude, tank cars, f.o.b. southeastern mills	12.6	22.9	17.9	26.7	30.7
Peanut oil, refined, tanks, New York	14.4	38.8	31.5	29.8	42.5
Rapeseed oil, refined (denatured), tanks, New York	11.9	43.5	36.6	36.3	47.8
Safflower oil, nonbreak tanks, East Coast	15.2	56.1	43.5	39.0	39.0
Salitower oil, nonoreak tanks, East Coast	14.6	64.1	46.2		****
Sesame oil, refined, drums, New York	39.2	74.5	77.9	87.5	87.5
Shortening, all vegetable, hydrogenated, 440-lb. druma, New York Shortening, all vegetable, hydrogenated, 3-lb. tins, delivered Eastern	20.7	45.0	36.2	38.9	40.9
United States	26.5	57.2	45.9	54.7	59.3
Soybean oil, crude, tank cars, f.o.b. midwestern mills	9.6	25.4	18.8	23.8	25.7
Soybean oil, refined, tanks, New York	11.8	28.6	24.1	29.0	31.4
Tall oil, crude, tanks, works	3.1	8.1	5.9	7.0	7.6
Tallow, edible, loose, Chicago	7.5	24.3	16.5	21.2	22.6
Tallow, inedible, packers' prime, tank cars, c.a.f. Chicago	5.1	13.4	14.3	16.1	18.4
Tallow, No. 1, inedible, Chicago	AR	12.0	13.2	13.6	16.0
Tung oil, imported, drums, carlots, f.o.b. New York	16.5	37.8	48.7	108.3	91.5
Tung oil, imported, tanks, New York	14.4	34.9	43.0	111.1	117.1

Preliminary.

99.5.2.8.1.2.9.7.8.0.9.6.4.0

he

gs,

Economics, Statistics, and Cooperatives Service—Economics. Compiled from the Chemical Marketing Reporter, the National Provisioner, The Journal of Commerce (New York), Wall Street Journal, and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

Table 210.- Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1964-78 [1967-100]

	21 1	e la ju				Sevent	een maj	or fata a	nd oils				
	Six-		Classi	fied by	origin				Classifie	d by use			
Year	items, exclud- ing	All items Animal	Vege	table		Ed	ible			Indu	strial		
3 1	butter	items	Animal	Do- mestic origin	Foreign origin	Butter	Lard	Other	All	Soap	Drying oils	Other	All indus- trial
1964	110.0 129.5 126.3 100.0 90.9 104.2 129.4 130.7 114.4 2082.3 262.3 261.1 306.6 337.0	101.2 112.7 115.3 100.0 94.4 103.1 119.7 119.9 110.0 168.9 238.5 207.8 226.7 263.7 290.5	102.9 112.5 115.1 100.0 94.6 110.4 122.2 118.2 114.0 167.8 203.2 200.2 191.7 219.4 245.9	94.7 111.5 119.6 100.0 93.1 92.6 118.5 125.8 106.4 171.4 294.6 219.5 161.6 191.1	95.2 109.0 92.6 100.0 118.5 102.5 127.3 108.0 88.1 188.8 386.8 166.7 169.8 228.1 267.5	88.2 90.5 100.3 100.0 100.1 101.0 103.9 102.3 103.0 97.1 99.6 118.0 138.6 147.4 165.5	124.4 149.3 142.9 100.0 79.5 123.6 148.8 137.4 132.7 253.3 365.7 368.3 228.2 271.7 296.5	96.4 115.4 121.5 100.0 93.6 94.9 122.5 129.6 109.1 178.8 295.0 215.0 202.5 219.7	95.6 105.5 113.9 100.0 95.6 101.2 115.7 116.4 108.8 150.3 204.2 189.2 161.8 191.0 206.9	122.3 142.9 128.4 100.0 90.9 111.0 135.5 135.2 115.9 229.4 340.5 257.2 254.9 283.4 323.3	104.0 109.4 106.8 100.0 94.4 91.3 102.4 95.2 94.3 168.5 194.8 176.8	105.0 122.8 112.4 100.0 102.2 104.1 127.2 199.9 104.7 207.5 322.9 217.0 188.9 244.1 255.4	119. 136. 124. 100. 91. 108. 130. 129. 112. 220. 333. 258. 244. 268.

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 211.—Soap: Fats, oils, and tall oil used in manufacture, United States, 1964-78

Year	Inedible tallow and greases	Coconut	Secon- dary fats and oils ¹	Tall oil	Total saponi- fiable materials	Year	Inedible tallow and greases	Coconut	Secon- dary fate and oils ¹	Tall oil	Total saponi- fiable material
1964 1965 1966 1967 1968 1969 1970	Million pounds 691 651 667 643 639 635 902 588	Million pounds 158 145 150 146 154 150 164 166	Million pounds 19 16 13 17 10 8 12 6	Million pounds 8 9 8 9 8 9 4 1 1 3	Million pounds 875 820 839 813 812 796 779 763	1972 1973 1974 1975 1976 1977 1978 ²	Million pounds 640 566 632 662 764 737 694	Million pounds 180 181 167 163 194 198 184	Million pounds 7 10 9 9 15 14 6	Million pounds 3 3 3 2 3 7 3	Million pounds 830 760 811 836 976 957 887

b

¹ Includes beef fats, vegetable tallow, and babassu. ² Preliminary.

Economics, Statistics, and Cooperatives Service — Economics. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables

For potatoes and sweetpotatoes, the estimates of area, production, value, and farm dis-position pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal group ing of winter, spring, summer, and fall crops, by States. Some States have production in

more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of the 9 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors them-selves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which reg-ular processing estimates are not made is included in the fresh market estimates. How-ever, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969.

Seasonal Groups and Marketing Period

Winter: January, February, March Spring: April, May, June Summer: July, August, September Fall: October, November, December

The seasonal patterns of harvest do not correspond precisely in all States to the quar-

The seasonal patterns of harvest do not correspond precisely in all States to the quarterly estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1968, commercial vegetables for fresh market include 22 principal vegetables and melon crops in the major producing States. Earlier years include the following three additional crops: Lima beans, beets, and green peas. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, brussels sprouts, celery, garlic, onions, and green peppers are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well-recognized commercial areas which specialize in producing supplies for shipment to distant commercial areas which specialize in producing supplies for shipment to distant

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis, except garlic, for which values are reported annually on a field-run basis at packinghouse door. For processed vegetables, value per unit and total value are at processing

plant door.

ō

als

J.S

Table 212.—Vegetables, commercial: Area, production, and value of principal crops,
United States, 1964-78

		Area 1		1	Production 4			Value ⁵	
Year	For fresh market ²	For processing 3	Total	For fresh market ²	For proc- essing ³	Total	For fresh market ²	For proc-	Total
54 55 55 56 57 57 58 58 58 59 50 570 571 572 575 576 577 576 577 576 576 577 577 577	Acres 1,668,580 1,644,150 1,613,300 1,631,380 1,624,820 1,699,810 1,673,670 1,609,960 1,648,110 1,536,610 1,538,950 1,570,350 1,568,470	Acres 1,604,980 1,642,790 1,804,040 1,936,130 2,012,230 1,629,630 1,531,160 1,584,490 1,727,010 1,775,810 1,874,480 1,624,640 1,638,120	3,471,340 3,567,510 3,637,050 3,329,440 3,204,830 3,168,420 3,232,600 3,363,620 3,413,430 3,194,990 3,206,590	Tons 10,525,150 10,915,000 10,617,200 11,142,850 11,290,050 11,361,050 11,361,050 11,578,050 11,907,200 11,900,150 11,938,250 11,944,650 12,449,650	8,941,280 9,979,460 12,105,870 9,297,350 9,297,200 9,922,550 10,241,600 10,661,650 11,794,060 13,533,250 11,048,850 12,612,450	19,263,670 19,558,480 21,122,310 20,473,300 20,655,000 21,283,600 21,283,600 22,568,850 23,774,200 25,469,450 25,062,100	1,000 dollars 961,583 1,016,588 1,137,027 1,151,433 1,184,587 1,282,087 1,233,222 1,438,946 1,607,022 1,857,859 1,860,507 2,155,350 2,258,175 2,354,671 2,761,711	1,000 dollars 349,579 405,599 405,599 433,348 530,408 600,690 415,551 410,189 466,633 929,785 1,036,635 786,606 945,180 874,397	1,000 dollars 1,311,11 1,422,4 1,570,3 1,681,8 1,785,2 1,697,6 1,643,4 1,878,9 2,073,6 2,408,4 2,810,2 3,191,9 3,044,7 3,299,8 3,636,1

¹Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

²Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major production, states: Artichokes, saparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloups, carrota, cauliflower, celery, sweet corn, cucumbers, eggpiant, escarole-endive, garlic, honeydew meions, kale, lettuce, onions, green peas, shallots, spinach, tomatoes, and watermeions. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

²Area, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

²Production for fresh market excludes some quantities not marketed because of low prices or other economic factors.

²Value for all fresh market excludes some quantities not marketed because of low prices water and processing plant door.

plant door.

Beginning 1969, asparagus for processing included in fresh market segment.

Preliminary.

Table 213.—Vegetables, commercial: Area of principal crops, by States, 1976-781

State	For	fresh mark	et ³	Fo	r processing	*		Total	
State	1976	1977	1978*	1976	1977	19783	1976	1977	1978*
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala	27,900	25,400	25,900	4,700	6,900	9,700	32,600	32,300	35,600
Ariz	56,650	58,870	60,670	1,200	550	660	57,850	59,420	61,330
Ark	8,100	7,400	6,700	6,880	8,480	6,420	14,980	15,880	13,120
Calif	495,800	527,160	545,480	277,260	330,320	291,580	773,060	857,480	837,060
Colo	17,830	18,340	20,570	4,980	4,430	4,770	22,810	22,770	25,340
Conn	4,500	4,400	4,600				4,500	4,400	4,600
Del	3,500	3,300	2,900	28,160	30,100	35,220	31,660	33,400	38,120
Fla	264,530	246,650	268,250	18,120	19,400	21,800	282,650	266,050	290,050
Ga	47,100	43,400	43,000	3,420	3,920	4,300	50,520	47,320	47,300
Hawaii	1,520	1,630	1,700				1,520	1,630	1,700
Idaho	5,300	5,300	8,200	43,760	35,850	35,150	49,060	41,150	40,350
m	11,650	10,250	9,900	103,150	91,840	95,180	114,800	102,090	105,000
Ind	11,920	11,440	12,150	23,880	23,420	20,000	35,800	34,860	32,150
lowa	350	320	230	12,950	11,690	7,700	13,300	12,010	7,930
Ку	2,400	3,450	2,200	2,720	2,820	2,300	5,120	6,270	4,500
A	2,100	1,970	1,520	5,760	180	140	2,350	2,150	1,660
Maine	******	12,940	******		7,170	7,070	5,760	7,170	7,070
Md	13,200		11,420	36,470	1,300	34,820	49,670	47,880	46,240
Mass	9,000	8,750	8,000	47,950		1,400	9,800	10,050	9,400
Mich	63,800 4,600	62,750 4,740	62,300 5,070	193,340	50,880	52,460 185,470	111,750 197,940	113,630 195,870	114,760 190,540
Minn Miss		12,000	12,000	5.000	191,130	4,200	16,400	15,600	16,200
Mo	11,400 3,700	4,200	4,400	580	1,100	1,700	4,280	5,300	6,100
Nebr	3,700	4,200	4,400	130	150	200	130	150	200
N.J	49,040	47,920	41,300	14,100	14.800	19.020	63,140	62,720	60,320
N. Mex	8,100	6,950	8,700	900	900	600	9.000	7,850	9,300
N.Y	64,590	64,250	64,000	79,050	75,580	88,430	143,640	139,830	152,430
N.C	44.850	41,340	42,390	29,180	29,560	31,150	74,030	70,900	73,54
Ohio	21,590	22,170	22,850	30,890	29,860	28,110	52,480	52,030	50,960
Okla	8,200	7,000	7,000	4,300	4,180	3,020	12,500	11,180	10.020
Oreg	15,040	15,790	16,400	108,210	104,250	116,850	123,250	120,040	133,250
Pa	17,360	16,570	17,260	18,960	17,770	14,940	36,320	34,340	32,200
S.C	44,400	38,500	34,500	7,840	8,800	9,700	52,240	47,300	44.200
S. Dak				50	80	60	50	80	64
Tenn	4.330	5,200	5,480	13,260	14,860	12,880	17,590	20,060	18.36
Tex	169,750	169,810	181,000	20,500	16.800	20,100	190,250	186,610	201,100
Utah	1.500	1,700	2,200	5,260	4.670	4,750	6,760	6,370	6.954
Va	16,550	16,490	16,580	12,870	12,830	13,320	29,420	29,320	29,900
Wash	31,000	32,520	32,200	114,950	111,320	121,550	145,950	143,840	153,750
W. Va	*****			740	480	100	740	480	100
Wis	7,200	7,600	8,000	342,120	331,210	304,270	349,320	338,810	312,270

¹Area for fresh market is area for harvest. Area for processing is area harvested.

²Area of the following crops for which regular seasonal estimates are prepared in major producting States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

³Preliminary.

⁴Area of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Table 214. - Vegetables, commercial: Production of principal crops, by States, 1976-78

	For	fresh mark	et1	Fo	r processing	g s		Total	
State	1976	1977	19782	1976	1977	19782	1976	1977	19783
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ala	100,700	80.950	78,100	20,400	12.950	15,250	121,100	93,900	93,350
Ariz	523,850	571.950	602,550	3,650	2,050	2,700	527,500	574,000	605,250
Ark	36,150	29,900	31,300	19,900	21,650	18,350	56,050	51,550	49,656
Calif	5,098,350	5,438,850	5.614.350	5,285,150	6,899,850	5,504,300	10,383,500	12,338,700	11,118,65
Colo	227,200	206,700	252,000	40,250	33,300	35,950	267,450	240,000	287,986
Conn	14,650	13.850	16,100				14,650	13,850	16.10
Del	15,750	14,600	15,900	53,550	48.800	66,700	69,300	63,400	82,600
Fla	2.081.850	1.791.650	1.923,550	73,750	71,250	80,400	2.155,600	1.862,900	2.003.95
Ga	163.850	154,600	180,150	6,850	8,500	11,400	170,700	163,100	191.556
Hawaii	15,750	17,150	18,550				15,750	17,150	18.550
Idaho	145,750	120,600	122,200	200,550	161,550	185,150	346,300	282,150	307,350
III	40,050	38,550	38,100	370,800	331,400	352,060	410,850	369,950	390,150
Ind	75,900	74,350	77,700	280,850	213,250	244,950	356,750	287,600	322,650
lowa	250	250	50	59,900	60,900	46,600	60,150	61,150	46,650
Ку	11,400	14,000	7.600	9,900	10,900	7.600	21,300	24,900	15,20
La	6,850	6,450	4,850	600	350	200	7,450	6,800	5.05
Maine	0,000	0,400	4,000	6,150	9,000	8,350	6,150	9,000	8,354
Md	52,550	51,850	49,550	138,700	134,100	138,700	191,250	185,950	188.256
Mass	44,450	37,850	45,200	7,400	10,400	13,400	51,850	48,250	58,60
Mich	366,400	357,700	374,060	222,450	237,450	259,850	588,850	595,150	633,90
Minn	32,750	38,900	40,250	597,950	769,950	744,450	630,700	808,850	784,70
Miss	45,600	40,200	57.000	12,000	6,100	6,700	57,600	46,300	63,70
Mo	17,400	26,250	24,200	1.750	3,000	2,400	19,150	29,250	26,60
Nebr	11,400	20,200	24,200	550	1,000	650	550	1,000	65
N.J	233,900	225,050	199.850	197,200	147,750	127,000	431,100	372,800	326.85
N. Mex	117,150	88,400	111,900	9,000	9,900	4,800	126,150	96,300	116,70
N.Y	514,200	570,650	571,850	328,200	373,850	403,300	842,400	944,500	975.15
	162,600	140,700	138,500	82,500	75,300	81,400	245,100	216,000	219.90
Ohio	115,100	122,000	136,800	613,500	523,300	500,700	728,600	645,300	637.50
Okla	41,000	38,500	22,750	13,650	12,450	12,300	54,650	50,950	35,05
Oraș	274,950	274,950	274,350	544,200	526,650	577,350		801,600	851,70
Oreg Pa	87,650	76,450	73,200	161,550	144,650	107,800	819,150 249,200	221,100	181.00
	143,900	135,550	147,850	19,150	25,000	29,650	163,050	160,550	177,50
S. Dak		******	******	150	400	150	150	400	15
Tenn	25,450	24,950	24,700	32,850	33,900	26,800	58,300	58,850	51,50
Tex	1,088,800	1,144,500	1,218,650	127,500	95,650	121,450	1,216,300	1,240,150	1,340,10
Utah	22,500	28,500	39,600	23,400	16,850	17,350	45,900	45,350	56,95
Va	57,700	57,850	66,200	72,300	49,800	72,450	130,000	107,650	138,65
Wash	201,150	247,350	222,900	388,800	364,000	462,850	589,950	611,350	685,75
W. Va	******		******	2,250	1,200	750	2,250	1,200	75
Wis	125,250	147,100	141,350	1,019,600	1,164,100	1,024,050	1,144,850	1,311,200	1,165,40
U.S	12,328,750	12,449,650	12,963,750	11,048,850	12,612,450	11,316,250	23,377,600	25,062,100	24,280,00
	1								

¹Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, anap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

²Preliminary.

³Production of the following ⁹ crops in all States: Lima beans, anap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Table 215. - Vegetables, commercial: Value of principal crops, by States, 1976-78

State	For	fresh mark	tet 1	Fo	r processing	r ³		Total	
State	1976	1977	19782	1976	1977	19782	1976	1977	19782
	1,000	1,000	1,000	1,000	1,000	1.000	1.000	1.000	1.000
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
Ala	22,670	19,731	22,432	2,449	2,050	1,645	25,119	21,781	24,077
Ariz	86,006	94,355	130,148	456	205	305	86,462	94,560	130,453
Ark	12,270	7,126	9,373	2,316	2,213	1,798	14,586	9,339	11,171
Calif	974,185	1,071,757	1,284,805	312,119	461,542	374,927	1,286,304	1,533,299	1,659,733
Colo	36,393	22,564	30,359	3,199	3,322	3,743	39,592	25,886	34,100
Conn	2,326	1,939	2,286				2,326	1,939	2,286
Del	1,375	1,278	808	7,340	7,853	11,458	8,715	9,131	12,266
Fla	430,642	416,126	495,527	9,027	9,576	10,597	439,669	427,702	506,124
Ga	16,187	15,423	18,691	888	1,218	1,701	17,075	16,641	20,392
Hawaii	5,457	6,812	7,292	17722	******	*****	5,457	6,812	7,299
Idaho	16,899	9,461	11,700	14,691	10,190	13,779	31,590	19,651	25,479
M	5,152	5,067	6,850	32,207	29,584	29,591	37,359	34,651	36,441
Ind	10,245	11,515	14,051	18,974	14,700	17,754	29,219	26,215	31,805
lowa	138	190	65	3,288	3,176	2,396	3,426	3,366	2,461
Ку	2,393	2,804	1,271	1,286	1,357	1,012	3,679	4,161	2,283
La	2,464	2,062	2,634	65	35	22	2,529	2,097	2,656
Maine	*****	*****	*4114	849	1,411	1,587	849	1,411	1,587
Md	8,454	8,555	7,187	11,906	12,345	13,640	20,359	20,900	20,827
Mass	7,685	7,335	8,205	654	1,039	1,394	8,339	8,374	9,596
Mich	70,729	68,396	84,819	21,314	23,368	27,176	92,043	91,764	111,99
Minn	3,976	4,063	4,386	39,407	53,045	50,432	43,383	57,108	54,818
Miss	2,280	1,704	3,659	1,332	872	824	3,612	2,576	4,48
Mo	766	1,575	1,452	175	265	211	941	1,840	1,66
Nebr	******	F4 F00	******	70	133	91	70	133	91
N. Mex	51,244 20,276	54,522 14,150	55,024 21,148	14,565 675	11,851 743	11,507 360	65,809	66,373	66,531
N. Y	102,330	90,105	89,230	21,906	27,363	31.183	20,951 124,236	14,893 117,468	21,500
N.C	25,862	24,035	30,701	11,436	9,931	10.311	37,298	33,966	120,413
Obio	22,074	22,851	32,465	45,175	38,418	37,194	67,249	61,269	69,656
Okla	2,165	2.002	2,139	1.286	1,060	1.008	3,451	3,062	3,14
Oreg	34.827	26,245	30.031	47,788	49,478	50,932	82.615	75,723	80.96
Pa	13,983	11,829	16,303	11,361	10,210	7,890	25.344	22,039	24,190
8.C	25,112	19,455	24,593	2,600	3.521	4.615	27,712	22,039	29,20
S. Dak	20,112	10,400	24,000	19	54	21	19	54	29,200
Tenn	6.034	10,669	11,788	4.112	4.746	3,755	10.146	15,415	15.54
Tex	166,206	228,225	223,280	11.707	9.826	12.806	177,913	238,051	236,08
Utah	2,585	2,162	3,930	2,066	1,680	1.601	4.651	3,842	5.53
Va	14.328	13,272	16,108	5,906	4,702	6,730	20,234	17,974	22.83
Wash	38,782	39,039	43,249	43,073	38,340	47,341	81,855	77,379	90,59
W. Va	00,102	00,000	40,249	199	110	47	199	110	30,00
Wis	13,675	14,272	13,722	78,721	93,648	81,013	92,396	107,920	94,73
u.s	2,258,175	2,354,671	2.761.711	786,606	945,180	874.397	3,044,781	3,299,851	3,636,10

¹Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, lettuce, onions, green peppers, spinast, tomatoes, and watermelons.

²Preliminary.

³Value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

ŏ 0

Table 216.—Artichokes, globe, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-781

	Area	Yield		Value ²			Area	Yield		Val	ue ²
Year	for harvest	per acre	Produc- tion	Per cwt.	Total	Year	for harvest	per acre	Produc- tion	Per cwt.	Total
1964	Acres 8,700 9,200 8,900 9,600 10,100 11,000 11,000	Cwrt. 65 70 75 76 60 65 61 72	1,000 cwt. 566 644 668 730 576 657 671 792	Dollars 10.08 8.95 8.76 8.87 10.00 10.60 10.30 9.72	1,000 dollars 5,704 5,761 5,853 6,472 5,772 6,946 6,920 7,697	1972 1973 1974 1975 1976 1977	Acres 11,100 12,000 10,800 10,200 10,600 10,600 9,900	Cwt. 64 50 65 72 76 66 53	1,000 cwt. 710 600 702 734 806 713 525	Dollars 11.60 14.50 17.30 16.10 14.40 19.30 27.00	1,000 dollar 8,22 8,696 12,15 11,84 11,56 13,77 14,20

¹California only. Includes production for fresh market and processing.
²Price and value f.o.b. basis.
³Preliminary.

Table 217.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-78

8

D

			Total cro	P		For	fresh ma	rket	Fo	r processi	ng
Year	Area	har- per		Val	ue 3	Produc-	Val	ue 2	Produc-	Val	ue 3
	har- vested		Produc- tion 1	Per cwt.	Total	tion 1	Per cwt.	Total	tion 1	Per ton	Total
1964	Acres 144,730 131,230 128,110 125,920 121,360 115,350 112,260 114,170 119,070 115,380 112,490 102,570 92,580 85,820 80,430	Cwt. 24 25 24 25 24 22 23 21 25 25 22	1,000 cwt. 3,523 3,280 3,319 3,048 3,202 2,815 2,791 2,891 2,545 2,604 2,141 2,302 2,141 1,795	Dollars 12.70 15.00 17.40 17.80 19.60 19.90 22.90 26.10 28.50 28.70 31.30 36.80 44.10	1,000 dollars 44,801 49,072 57,888 54,336 60,108 55,249 54,836 64,015 67,921 66,411 74,277 61,436 72,122 80,249 79,070	2,000 cwt. 1,000 1,040 847 850 892 778 944 943 922 860 824 874 919 714	Dollars 14.80 16.30 20.10 21.00 21.80 22.30 29.20 26.70 31.10 33.40 38.10 46.90 51.80	1,000 dollars 14,770 16,921 17,877 19,489 18,350 21,019 24,309 24,663 26,765 27,489 29,696 35,025 33,452 34,629	Tons 126,150 112,000 123,600 109,900 115,500 101,850 90,550 90,590 98,450 84,250 89,000 63,350 69,150 73,350 56,300	Dollars 238.00 287.00 331.00 352.00 352.00 373.00 406.00 439.00 501.00 536.00 638.00 789.00	1,000 dollar 30,03 32,15 40,85 36,45 40,61 35,89 33,81 39,70 43,25 39,64 46,78 31,74 47,09 46,78

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 120, (6,000 tons for processing) in 1965, 91 (4,550 tons for processing) in 1966, and 80 for fresh market only in 1969.

²Price and value on f.o.b. basis.

³Price and value at processing plant door.

⁴Preliminary.

Table 218.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Season and State		Area 1		F	roduction		Value per unit			
Season and State	1976	1977	19782	1976	1977	19782	1976	1977	19782	
Spring: Calif III Mich N.J Wash Other States ³	Acres 33,900 5,200 18,000 3,300 20,400 11,780	Acres 30,300 4,500 17,300 2,300 20,200 11,220	Acres 28,000 4,200 17,300 1,900 20,000 9,030	1,000 cwt. 1,254 47 180 43 653 125	1,000 cwt. 1,121 50 190 32 667 121	1,000 cwt. 784 38 225 27 640 81	Dollars per cwt. 32.20 29.80 33.00 43.60 28.70 30.90	Dollars per cwt. 38.20 34.50 43.90 55.10 32.70 31.60	Dollars per cwt. 45.00 41.80 56.30 96.90 37.90 43.40	
U.S	92,580	85,820	80,430	2,302	2,181	1,795	31.30	36.80	44.1	

		1	For fresh	market					For pro	cessing			
Season and State	P	roductio	n	Val	ue per u	anit	F	roductio	n	Va	Value per unit		
	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782	
Spring: Calif III Mich Wash Other States 4	1,000 cwt. 725 7 20 117 50	1,000 cwt. 561 9 13 89 42	1,000 cwt. 529 6 15 86 33	Dol- lars per cwt. 37.60 49.10 38.70 38.20 43.60	Dol- iars per cwt. 46.60 46.30 51.00 45.40 52.20	Dol- lars per cwt. 50.20 51.80 60.00 55.20 64.10	Tons 26,450 2,000 8,000 26,800 5,900	Tons 28,000 2,050 8,850 28,900 5,550	Tons 12,750 1,600 10,500 27,700 3,750	Dol- lars per ton 494.00 528.00 645.00 532.00 603.00	Dol- lars per ton 594.00 638.00 615.00 612.00	Dol- lars per ton 683.00 798.00 1,120.00 704.00 852.00	
U.S	919	714	669	38.10	46.90	51.80	69,150	73,350	56,300	536.00	638.00	789.00	

¹Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments.

²Preliminary.

³Mostly for processing; includes Delaware, Indiana, Iowa, Maryland, Minnesota, Oregon, and Virginia.

⁴Data for fresh market include Indiana, Iowa, Maryland, New Jersey, and Oregon. Data for processing include Delaware, Indiana, Iowa, Maryland, Minnesota, New Jersey, Oregon, and Virginia.

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board.

Table 219.—Beans, green lima (for processing), commercial crop: Area, production, and value per ton, by States, 1976-78

		Area		P	roduction ¹		Value per unit			
State	1976	1977	19781	1976	1977	19781	1976	1977	19781	
Calif Del Md Wis Other States 3	Acres 15,700 8,400 3,900 5,000 15,000	Acres 26,900 9,000 2,800 5,900 15,710	Acres 29,800 12,600 4,000 6,400 15,340	Tons 25,750 7,000 2,650 4,600 15,800	Tons 43,200 5,100 2,100 6,900 16,900	Tons 45,000 11,100 3,250 6,000 17,300	Dollars per ton 323.00 197.00 271.00 224.00 289.00	Dollars per ton 384.00 248.00 264.00 246.00 313.00	Dollars per ton 395.00 312.00 339.00 251.00 339.00	
U.S	48,000	60,310	68,140	55,800	74,200	82,650	287.00	343.00	35	

¹ Preliminary.
² Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.
² 1976 — Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Pennsylvania, Tennessee, Utah, and Washington; 1977 — Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Pennsylvania, Virginia, and Washington; 1978 — Arkansas, Idaho, Illinois, Minnesota, New Jersey, New York, Ohio, Oregon, Pennsylvania, and Washington.

Table 220.—Beans, green lima, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-78

Year				sh market¹			ng			
	Area	Yield	Pro-	Val	ue ³	Area	Yield	Pro-	Val	ue"
	har- vested	per acre	duc- tion 2	Per cwt.	Total	har- vested	per	duc- tion	Per ton	Total
964	Acres 13,250 11,900 11,200 10,900 10,500	Cwt. 5 25 25 25 25 26 25	1,000 cwt. s 332 303 279 288 259	Dollars 9.96 10.40 11.70 11.70 11.90	1,000 dollars 3,306 3,137 3,263 3,373 3,076	Acres 75,910 83,970 96,950 97,310 104,680	Tons* 1.04 1.15 1.08 1.19 1.10	Tons* 78,850 96,650 104,500 115,750 115,300	Dollars 182.00 177.00 174.00 178.00 194.00	1,000 dollar 14,316 17,081 18,206 20,583 22,360
69	*****	*****				83,180	1.19	98,700	179.00	17,656
70	*****		*****	Leeve		70,630	1.11	78,750	184.00	14,49
71	*****	*****				71,130	1.13	80,650	185.00	14,98
73						74,470	1.22	90,650	208.00	18,82
M. 4	*****	*****	*****	****		77,530	1.27	98,100	211.00	20,71
	*****		******	*****		73,700 76,900	1.21	96,100	315.00 322.00	28,17
MA						48,000	1.25	55,800	287.00	30,890
LOOK I		*****		*****	*****	60,310	1.23	74,200	343.00	25,42
787	*****			*****	*****	68,140	1.21	82,650	359.00	29,70

Estimates discontinued in 1969.

Excludes the following quantities not harvested or not marketed because of economic conditions: 1,000 cwt. in 1964.

Price and value on fo.b. basis.

Price and value at processing plant door.

In the shell.

Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 221.—Beans, snap, commercial crop: Area, yield, production, value per hundred-weight and per ton, and total value, United States, 1964-78

		For	fresh ma	rket			F	or processi	ng	
Year	Area	Yield	Pro-	Vah	ue ²	Area	Yield	Pro	Val	iue ³
		tion 1	Per cwt.	Total	har- vested	per acre	duc- tion	Per ton	Total	
			1,000		1,000		11/11/0			1,000
	Acres	Cwt.	cwt.	Dollars	dollars	Acres	Tons	Tons	Dollars	dollars
964	102,440	38	3,854	10.10	38,777	216,930	2.17	469,880	102.00	47,800
965	96,430 97,410	39	3,756 3,618	10.70 12.00	40,307	230,660	2.34	540,530	96.60	52,231
966	97,790	90	3,785	11.50	43,580	273,590	2.13	521,330 635,920	101.00	52,544
968	94,440	39 37	3,520	12.60	44,271	267.070	2.35	626,630	99.80	64,62
969	88,320	37	3,290	13.00	42.826	238,290	2.39	568,450	99.50	56.56
970	85,350	37	3,120	13.10	41,010	227,770	2.50	570,150	95.60	54,48
971	83,610	37	3,096	14.40	44,599	240,200	2.48	596,650	92.60	55,26
972	86,700	36	3,137	14.80	46,569	255,440	2.40	613,400	100.00	61,53
973	85,870	35	3,033	17.90	54,173	292,180	2.54	741,650	103.00	76.24
974	82,990	35	2,920	18.60	54,404	291,080	2.57	748,350	157.00	117,65
975	84,220	38	3,179	19.60	62,303	273,580	2.43	665,200	153.00	102,09
976	85,120	37	3,126	19.90	62,253	237,170	2.49	590,700	139.00	81,89
977	78,250 84,560	37 34	2,884	21.10 25.40	60,965 72,719	257,640 280,250	2.62 2.56	675,450 716,700	145.00 145.00	98,176

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 143 in 1964, 152 in 1965, and 38 in 1968.
² Price and value on f.ob. besis.
³ Price and value at processing plant door.
⁴ Preliminary.

Table 222.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Utilization.		Area		1	Production	1	v	alue per u	nit
season, and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
FOR FRESH MARKET				1,000	1,000	1,000	Dollars	Dollars	Dollars
Winter: Fla	Acres 14,900	Acres 5,500	Acres 14,400	477	cwt. 198	cwt. 302	per cwt. 23.50	per cwt. 25.80	per cwt. 35.00
Total	14,900	5,500	14,400	477	198	302	23.50	25.80	35.00
Spring:	1 1 1 1 1 1 1	1000				45			
Calif	900 12.200	900 13,500	12,600	90	95 486	68	23.10	20.30	37.90
Ga	2,500	2,300	2,600	464 73		441	13.90	18.60	27.20
N.J	900	1,200	600	45	64	78 21	17.50	23.00	21.50
N.C	2,700	2,700	2,600	73	65	57	18.30	24.40 19.30	30.00
S.C. ²	3,000	2,000	2,100	84	66	65	17.50	16.50	27.00 19.00
Total	22,200	22,600	21,150	829	820	730	16.20	19.30	26.90
Summer:	1 2000								
Ala	1,400	1,200	1,200	42	36	36	19.20	30.60	41.70
Calif	1,700	1,700	1,700	145	153	162	18.60	20.20	23.20
Ga	1,300	1,200	1,400	38	31	31	19.30	20.60	21.20
Md	1,700	1,800	1,800	41	41	38	15.60	12.90	17.40
Mich	2,800	2,700	2,600	92	92	78	20.00	20.20	23.10
N.Y	5,000	4,600	3,900	175	161	144	20.40	19.40	24.80
N.C	7,400	7,400 3,700	6,000 3,700	244	266	240	22.30	22.40	25.80
Ohio	800	1,000	900	36	133	148	24.00	25.60	24.70
Pa	710	700	700	37	40 37	27 37	20.70 19.00	21.10 18.90	22.20
Tenn	1,900	2,200	2,200	80	88	75	16.50	20.30	23.20
Va	3,000	2,900	2,700	84	84	73	16.00	19.50	28.90 23.50
Total	31,510	31,100	28,800	1,151	1,162	1,089	20.10	21.20	24.90
Fall:									
Calif	1,100	1,200	1,000	83	84	75	20.00	24.60	30.40
Fla	10,500	12,000	13,500	420	444	486	21.40	21.00	18.10
Ga	700	1,400	1,200	20	36	28	18.50	22.00	23.50
Md	280	290	290	11	12	11	18.60	17.30	19.30
N.C.	700 300	700	800	21	20	33	23.10	22.50	21.90
8.C	1.000	1.000	1,000	12	12 32	12	25.00	21.70	22.80
Va	1,800	2,000	1,900	61	52 52	30 59	18.00 23.00	19.80 18.50	19.00 18.50
Total	16,380	18,890	20,030	658	692	734	21.20	21.20	19.90
All groups	84,990	78,090	84,380	3,115	2,872	2,855	19.80	21.00	25.20
Hawaii	130	160	180	11	12	13	45.50	52.50	57.80
U.S	85,120	78,250	84,560	3,126	2.884	2,868	19.90	21.10	25.40

See footnotes at end of table.

Table 222.—Beans, snap, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78—Continued

994991 41 3 64 4		Area			Production	3	V	alue per u	nit
Utilization and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	n Jan	177	10				Dollars	Dollars	Dollars
FOR PROCESSING	Acres	Acres	Acres	Tons	Tons	Tons	per ton	per ton	per ton
Ark	3,600	4,700	3,900	8,750	8,450	7,350	148.00	120.00	103.00
Calif	4,800	6,000	7,400	11,300	15,750	16,050	199.00	186.00	212.00
Colo	1,500	1,700	1,400	4,900	6,050	4,200	133.00	126.00	128.00
Del		*****	10,400			22,150			164.00
M	7,700	7,200	9,200	21,400	20,150	24,000	132.00	142.00	146.00
Ку			1,200			1,850			145.0
Md	4,600	6,800	6,300	9,000	12,900	12,600	151.00	171.00	174.0
Mich	14,000	16,800	16,400	30,400	41,300	34,450	122.00	125.00	148.00
N.Y	42,600	43,000	50,700	70,300	96,100	107,850	138.00	149.00	149.00
N.C	1,300	1,400	1,500	2,950	1,850	2,000	177.00	154.00	143.00
Okla	2,300	2,200	850	5,300	3,600	1,300	114.00	95.60	94.0
Oreg	29,300	32,500	35,600	136,250	140,200	152,100	133.00	152.00	137.00
Pa	5,300	5,000	4,800	12,050	10,350	11,000	145.00	162.00	157.00
Tenn	11,800	13,700	12,000	23,350	26,100	19,300	156.00	166.00	175.0
Va	3,500	3,000	4,300	5,550	5,450	6,600	151.00	179.00	158.0
Wis	69,500	67,200	68,000	170,250	185,450	188,350	134.00	128.00	132.0
Other States 3	35,370	46,440	46,300	78,950	101,800	105,550	150.00	160.00	152.0
Total	237,170	257,640	280,250	590,700	675,450	716,700	139.00	145.00	145.0
Grand total	322,290	335,890	364,810	747,000	819,650	860,100	193.00	194.00	205.0

¹Preliminary.
²Excludes the following quantities not harvested or not marketed because of economic conditions, 22,000 cwt. in

*252Ciudes the following quantitation: 1977.
1977. — Alabama, Delaware, Florida, Georgia, Idaho, Indiana, Kentucky, Maine, Minnesota, Missouri, New Jersey, Ohio, South Carolina, Texas, Utah, Washington, and West Virginia; 1978. — Alabama, Florida, Georgia, Idaho, Indiana, Maine, Minnesota, Missouri, New Jersey, Ohio, Texas, Utah, and Washington.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 223.—Beets, commercial crop: Area, yield production, value per hundredweight and per ton, and total value, United States, 1964-78

		For 1	fresh mar	ket ¹			F	or processi	ng	
Year	Area	Yield	Pro-	Val	ue 2	Area	Yield	Pro-	Val	ue ³
	for harvest	per acre	duc- tion	Per cwt.	Total	har- vested	per acre	duc- tion	Per ton	Total
1964	Acres 2,940 2,700 2,800 2,750 1,800	Cwt. 123 123 116 107 134	1,000 cwt. 361 331 326 294 241	Dollars 4.68 5.23 4.15 4.09 5.22	1,000 dollars 1,688 1,730 1,352 1,202 1,259	Acres 16,220 14,530 17,050 17,630 21,160	Tons 10.96 12.29 11.37 11.70 12.72	Tons 177,790 178,510 193,850 206,350 269,200	Dollars 19.00 18.30 20.00 20.50 23.80	1,000 dollars 3,381 3,271 3,872 4,226 6,394
1969						17,930 15,000	12.24	219,550 205,650	22.00 21.30	4,83
1971						13,690	13.86	189,750	21.40	4,059
972						12,670	13.02	164,900	23.70	3,91
1973						16,400	12.25	200,850	27.50	5,52
1974						18,510	13.03	241,100	41.00	9,88
1975						18,080	12.78	231,100	38.20	8,81
1976						14,490	10.86	157,350	38.50	6,05
1978 4						14,120 17,320	14.60	206,200 221,300	40.70 39.30	8,38 8,70

¹ Estimates discontinued in 1969.

² Price and value on f.o.b. basis.

³ Price and value at processing plant door.

⁴ Preliminary.

Table 224.—Beets (for canning), commercial crop: Area, production, and value per ton, by States, 1976-78

State		Area		1	Production		Value per unit			
State	1976	1977	19781	1976	1977	19781	1976	1977	19781	
N.Y	Acres 4,700 6,300 3,490	Acres 3,600 6,900 3,620	Acres 5,000 7,600 4,720	Tons 56,450 58,400 42,500	Tons 51,600 95,000 59,600	Tons 72,200 94,000 55,100	Dollars per ton 35.30 35.90 46.30	Dollars per ton 35.00 36.60 52.00	Dollars per ton 39.20 36.30 44.70	
U.S	14,490	14,120	17,320	157,350	206,200	221,300	38.50	40.70	39.30	

Table 225. - Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-781

			Total cro	p		For	fresh ma	rket	Fo	r processi	ng
Year	Area	Yield	Produc-	Val	ue ³	Produc-	Val	ue ³	Produc-	Val	ue 4
	for harvest	per acre	tion 2	Per cwt.	Total	tion	Per cwt.	Total	tion	Per ton	Total
964 965 965 967 968 969 970 971 972 973 974 975 976 977	Acres 38,100 37,470 39,280 43,360 42,950 37,360 41,140 42,7300 53,940 49,400 49,650 52,800	Cwt. 61 59 68 64 72 67 76 74 77 76 85 80 79 81 80	1,000 cwt. 2,323 2,211 2,677 2,782 3,080 2,487 3,138 3,171 3,544 3,502 3,933 3,940 4,289	Dollars 7.97 8.31 8.68 8.88 8.93 10.10 9.71 11.20 10.80 12.10 14.20 15.10	1,000 dollars 18,522 18,369 23,247 24,696 27,497 25,153 30,482 35,577 39,451 42,476 55,912 59,444 68,204	811 977 1,286 1,375 1,497 1,590 2,035 2,234	13.00 13.40 14.80 14.10 15.70 17.10 17.40	1,000 dollars 10,575 13,072 19,002 19,436 23,517 27,264 35,376 42,495	83,800 108,050 94,250 113,450 100,250 117,150 95,250 102,750	174.00 161.00 176.00 176.00 189.00 245.00 253.00 280.00	1,000 dollars 14,57 17,41 16,57 20,01 18,95 28,64 24,006 25,70

Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.
 Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 46 in 1970 and 22 in 1973.
 Price and value on f.o.b. basis.
 Price and value at processing plant door.
 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹Includes production for fresh market and processing.

²Excludes the following quantities not harvested or not marketed because of economic conditions; 95,000 cwt in

1965.

³ Price and value on f.o.b. basis.

⁴ Beginning 1971, California only.

⁵ Preliminary.

¹ Preliminary. ² 1976—California, Ohio, Oregon, Texas, and Washington; 1977—California, Indiana, Michigan, Ohio, Oregon, and Texas, 1978—California, Illinois, Michigan, Ohio, Oregon, and Texas.

Table 226.—Broccoli, commercial crop: Area, production, and value per hundredweight, by States, 1976-781

		Area		P	roduction		V	due per u	nit
Season and State	1976	1977	19782	1976	1977	19782	1976	1977	19783
Winter: Ariz Calif Tex	Acres 350 13,000 450	Acres ³ 1,150 12,900 (³)	Acres 32,100 15,000 (3)	1,000 cwt. 18 1,105 30	1,000 cwt. 371 1,097 (3)	1,000 cwt. 3130 1,080 (3)	Dollars per cwt. 21.00 15.00 18.60	Dollars per cwt. 321.20 18.90 (3)	Dollars per cwt. 316.30 18.10 (3)
Total	13,800	14,050	17,100	1,153	1,168	1,180	16.00	19.10	17.90
Spring: Calif	14,800	23,000	15,900	1,332	1,985	1,383	13.80	14.20	18.50
Total	14,800	23,000	15,900	1,332	1,955	1,383	13.80	14.20	18.50
Summer: Calif	6,700 900	11,100 940	14,200 900	503 73	833 81	1,136 76	17.80 12.10	16.90 15.10	18.00 14.30
Total	7,600	12,040	15,100	576	914	1,212	17.00	16.80	17.80
Fall: Ariz Calif Tex	300 15,900 400	³ 1,000 20,800 (³)	³ 850 19,300 (³)	15 1,195 20	355 1,602 (3)	347 1930 (³)	24.30 17.40 22.40	³ 14.40 16.60 (³)	³ 16.00 17.10 (³)
Total	16,600	21,800	20,150	1,228	1,657	1,977	17.50	16.60	17.10
U.S	52,800	70,890	68,250	4,289	5,694	5,752	15.90	16.30	17.70

		1	For fresh	market					For pro	cessing			
State	P	roductio	n	Val	ue per u	ınit	F	Production			Value per unit		
	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782	
Calif Other States 4	1,000 cwt. 2,129 105	1,000 cwt. 2,470 102	1,000 cwt. 2,623 112	Dol- lars per cwt. 18.90 20.70	Dol- lars per cwt. 19.50 23.20	Dol- lars per cwt. 21.20 23.50		Tons 150,850 5,250	Tons 143,800 7,050	Dol- lars per ton 252.00 180.00	Dol- lars per ton 272.00 220.00	Dol- lars per ton 296.00 189.00	
U.S	2,234	2,572	2,735	19.00	19.70	21.30	102,750	156,100	150,850	250.00	270.00	291.00	

Table 227.—Brussels sprouts, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-781

	Area	Yield		Val	ue ³		Area	Yield		Valu	ue ³
Year	for harvest	per acre	Produc- tion 2	Per cwt.	Total	Year	for harvest	per acre	Produc- tion	Per cwt.	Total
1964 1965 1966 1967 1968 1969 1970	Acres 6,200 6,400 6,900 6,600 6,800 6,500 5,950 6,140	Cwt. 118 107 106 104 94 89 99	1,000 cwt. 730 682 734 685 638 579 587 655	Dollars 10.60 12.00 11.90 11.50 11.60 11.50 13.50 12.40	8,191 8,704 7,874 7,427 6,673	1974 1975 1976 1977 1978	Acres 6,560 6,100 5,700 5,800 4,900 5,800 5,900	Cwt. 111 106 115 120 120 136 125	1,000 cwt. 725 641 656 696 588 783 738	Dollars 14.30 13.90 18.60 17.50 18.50 18.90 21.40	1,000 dollars 10,38 8,89 12,16 12,20 10,87 14,83 15,76

See footnotes on page 161.

¹Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.

²Preliminary.

³Texas and Arizona are combined to avoid disclosure.

⁴Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing."

Table 228.—Cabbage, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1964-78

The part and			Tota	d crop			Stoc	rks 4
Year	Area	Yield per	Produc-	Shrinkage	Val	ue ³		
عوا عموا يوغو	harvest	acre	tion 1	and loss 2	Per cwt.	Total	Dec. 1	Jan. 18
			1,000	1,000		1,000	1,000	1,000
964	Acres	Cwt.	cwt.	cwt.	Dollars	dollars	cwt.	cwt.
	116,290 115,110	186 199	21,603 22,908	164 270	2.52	53,968	910	46
966	110,580	193	21,390	148	2.41 3.32	54,648 70,130	1,180 750	81
967	114,130	215	24,505	200	2.43	59,010	980	42
968	106,770	221	23,585	191	2.81	65,826	1,050	13
969	108,040	209	22,540	202	2.96	66,102	920	84
970	109,860	218	23,991	352	3.41	80,529	1,140	81
971	108,640	220	23,914	260	3.32	78,458	950	8/
972	105,230	215	22,573	200	3.52	78,641	640	64 50 80 80
973	110,570	220 236	24,290	260	5.09	122,368	600	45
974	107,390	236	25,341	289	3.92	98,160	*770	57
975	103,750	241	24,985	351	4.63	113,990		
976	98,830	239	23,606	326	5.02	116,865		
977	91,740	259	23,806	604	7.43	172,409		
9787	96,330	257	24,715	470	6.82	165,305		

		For	fresh ma	rket			Fe	or sauerkra	ut	
Year	Area	Yield	Produc-	Val	lue ³	Area har-	Yield	Produc-	Val	ue ³
1 19	harvest	acre	tion 12	Per cwt.	Total	vested	acre	tion 1	Per ton	Total
1964	Acres 106,010 102,360 99,820 99,900 94,210 95,260 96,880 97,180 97,530 93,480 97,530 81,210 85,730	Cwt. 173 177 178 191 190 193 198 197 204 211 220 217 238	1,000 cwt. 18,345 18,130 17,799 19,037 18,948 18,090 18,669 19,215 18,611 19,907 19,712 20,190 18,965 19,111 20,367	Dollars 2.83 2.88 3.77 2.89 3.29 3.46 4.14 3.92 4.04 5.95 4.60 5.37 5.88 8.93 7.97	1,000 dollars 51,467 51,389 66,534 54,357 61,647 61,865 75,822 74,347 74,396 116,944 89,440 106,465 109,630 165,243 158,484	Acres 10,280 12,750 10,760 14,280 12,580 12,580 11,460 13,040 13,040 13,910 11,810 11,470 10,530 10,600	Tons 15.84 18.74 16.69 19.15 18.46 17.41 20.50 18.34 16.81 20.23 20.23 22.29 20.51	Tons 162,850 238,910 179,560 273,400 231,850 266,100 234,950 198,100 219,150 281,450 239,750 239,750 232,060 234,750 217,400	Dollars 15.40 13.60 20.00 17.00 18.00 19.00 17.70 17.50 21.40 31.00 31.40 31.20 30.50 31.40	1,000 dollars 2,50 3,25 3,59 4,65 4,17 4,23 4,70 4,11 1,4,24 5,42 8,72 7,52 7,52 7,16 6,82

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1.000 hundredweight; 507.2 in 1964, 305 in 1965, 256 in 1968, 420 in 1967, 144 in 1968, 135 in 1969, 180 in 1970, 10 in 1971, 37 for fresh market (also 200 tons for processing) in 1972, and 78 in 1976.

²Shrinkage and loss from New York storage crop excluded in computing value.

³Fresh market price and value on f.o.b. basis; processing price and value at processing plant door.

⁴Grower and dealer stocks, New York only.

⁵Jan. 1 of succeeding year.

⁶ As of Nov. 15.

⁷ Preliminary.

Table 229.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Utilization, season,		Area		1	Production		v	alue per u	nát
and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
Winter: Calif Fla Tex	Acres 2,400 10,000 10,000	Acres 2,200 9,000 6,200	Acres 2,300 8,700 9,500	1,000 cwt. 504 2,500 1,800	1,000 cwt. 517 1,935 1,736	1,000 cwt. 518 1,523 2,660	Dollars per cwt. 5.41 4.61 4.43	Dollars per cwt. 15.70 15.20 17.70	Dollars per cwt. 6.32 9.32 9.08
Total	22,400	17,400	20,500	4,804	4,188	4,701	4.63	16.30	8.85
Spring: Calif Fla Ga NJ NC Ohio SC Tenn Tex	2,300 5,400 2,600 900 2,100 450 1,200 660 3,600	2,300 5,600 2,600 900 2,200 450 800 660 3,200	2,000 6,000 2,000 500 1,900 400 800 730 4,400	460 1,566 234 198 252 90 120 277 774	518 1,596 216 203 242 99 68 182 992	440 1,560 240 115 209 84 100 197 1,320	3.72 3.73 4.04 4.73 3.17 4.20 4.42 3.58 4.88	5.56 9.46 7.37 5.54 3.89 5.20 5.96 3.91 8.58	9.80 8.48 8.90 10.70 10.20 11.00 10.90 7.07 10.40
Total	19,210	18,710	18,730	3,971	4,116	4,265	4.01	7.72	9.42
Summer: Calif Calif Colo; Calif Colo; Calif Colo; Calif Colo; Calif Ca	1,400 870 600 1,700 1,100 670 980 2,300 3,700 1,200 1,500 1,100 2,700	1,400 1,100 500 1,600 980 670 890 2,300 2,400 3,800 2,600 1,200 1,500 970 950 3,000	1,500 1,500 1,600 1,600 650 830 2,200 3,500 2,900 1,300 1,600 1,000 3,000	357 283 54 357 336 127 235 345 449 1,314 740 252 315 176 259 999	371 363 53 320 284 127 200 391 444 481 264 375 243 266 1,275	390 413 140 328 270 111 191 385 440 1,330 537 299 336 297 265 1,125	6.13 4.26 6.40 3.88 3.47 3.88 4.20 4.41 4.58 2.94 4.24 4.55 3.94 4.55 3.94 4.55 3.94	4.94 4.10 6.53 4.53 3.69 4.80 4.70 5.32 5.31 3.05 4.29 5.69 4.95 4.10 3.82 2.51	6.69 7.77 9.40 6.72 8.41 9.12 5.90 8.85 10.00 4.31 7.94 8.66 7.57 6.40 4.77
Total	26,720	25,860	26,680	6,598	6,901	6,857	3.81	3.94	6.38
Full: Calif	1,600 229 1,700 200 1,700 1,400 9,100 2,200 1,400 1,090 1,000 5,500 380 2,600	1,600 200 1,800 40 1,600 1,600 9,400 2,200 1,600 1,020 1,000 5,500 370 2,000	1,700 1,900 1,700 1,700 1,000 8,800 1,700 1,900 1,120 1,100 6,700 470 1,800	392 88 383 60 289 273 3,049 253 546 411 230 1,018 78 1,040	432 60 369 11 312 220 3,619 242 640 353 170 1,100 93 850	434 399 26 323 220 3,608 221 770 360 242 1,340 134 675	7.68 4.17 9.70 4.33 3.99 5.51 9.20 6.18 2.02 4.73 5.31 8.84 3.06 2.15	6.35 7.43 6.64 6.60 4.72 7.47 5.69 6.10 2.41 5.62 4.91 7.47 6.25 3.64	5.23 5.00 7.00 5.08 5.98 4.90 4.18 2.38 4.36 6.56 5.30 4.10 2.96
Total	30,090	29,330	29,990	8,110	8,471	8,752	6.72	5.56	4.63
All groups	98,420	91,300	95,900	23,483	23,676	24,575	4.99	7.41	6.80
Hawaii	410	440	430	123	130	140	9.90	11.20	10.30
U.S	98,830	91,740	96,330	23,606	23,806	24,715	5.02	7.43	6.82
						•			

See footnotes at end of table.

165

Table 229.—Cabbage, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78—Continued

Utilization, season,		Area		1	Production		Va	due per ur	nit
and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
FOR SAUERKRAUT Colo N.Y Ohio Wis Other States*	Acres 50 3,900 1,000 4,200 2,320	Acres 70 4,100 1,100 3,500 1,760	Acres 100 4,000 1,300 3,200 2,000	Tons 1,900 81,600 23,500 76,550 48,500	Tons 2,450 90,950 27,300 74,450 39,600	Tons 2,200 82,000 32,400 59,550 41,250	Dollars per ton 32.10 30.80 31.20 28.80 35.50	Dollars per ton 41.60 29.90 30.50 29.30 33.60	Dollars per ton 27.00 29.70 32.70 30.40 35.30
U.S	11,470	10,530	10,600	232,050	234,750	217,400	31.20	30.50	31.4

¹ Preliminary.

² Includes production for freeh market and processing.

³ Summer and fall estimates combined in 1978 and included as summer.

⁴ Excludes the following quantities not harvested or not marketed because of economic conditions: 78,000 cwt. in

*Storage crop includes some quantities lost by shrinkage and waste.
*1976—Florida, Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington. 1977-78—Idaho, Illinois, Indiana, Michigan, North Carolina, Oregon, Pennsylvania, Tennessee, Virginia, and Washington.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 230.—Cantaloups, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-781

	Area	Yield		Val	ue ³		Area	Yield		Val	ue ³
Year	for harvest	per acre	Produc- tion 2	Per cwt.	Total	Year	for harvest	per acre	Produc- tion 2	Per cwt.	Total
1964	Acres 121,480 109,600 103,800 107,200 115,350 124,300 109,710 100,400	Cwt. 100 104 104 117 117 110 121 123	1,000 cwt. 12,162 11,439 10,745 12,539 13,543 13,697 13,282 12,382	Dollars 5.02 5.51 6.28 6.26 5.78 5.61 6.16 6.56	1,000 dollars 61,009 63,051 67,428 78,504 76,234 76,850 81,882 81,220	1972	Acres 97,750 93,000 69,800 75,060 75,030 79,500 93,920	Cwt. 133 122 139 130 133 135 139	1,000 cwt. 13,045 11,302 9,720 9,774 10,005 10,760 13,029	Dollars 7.28 8.08 9.99 10.50 11.00 10.60 9.63	1,000 dollars 94,93 91,26 97,11 102,24 109,73 113,99 125,45

¹ Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons.

² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-reight: 240 in 1965, 10 in 1971, 203 in 1973, and 46 in 1974.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹ Preliminary.
² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 1976—winter, California, 96; spring, California, 147; 1977—fall, Wisconsin, 5; 1978—fall, Minnesota, 28, Wisconsin, 5

isconsin, 9.
3 Illinois, New Jersey, and Ohio.

Table 231.—Cantaloups, commercial crop: Area, production, and value per hundredweight, by States, 1976-781

		Area		1	Production		V	alue per u	nit
Season and State	1976	1977	19782	1976	1977	19782	1976	1977	19782
Spring: Ariz Calif Tex Total	Acres 5,000 8,200 10,400 23,600	Acres 5,300 10,700 10,700 26,700	Acres 6,000 12,600 13,200 31,800	1,000 cwt. 625 1,230 988 2,843	1,000 cwt. 795 1,498 1,338	1,000 cwt. 960 2,079 1,518	Dollars per cwt. 13.80 12.40 12.60	Dollars per cwt. 10.90 9.68 14.60	Dollars per cwt. 11.10 9.79 9.30
	23,600	26,700	31,800	2,043	0,001	4,007	12.60	11.60	9.50
Summer: Ariz	1,900 28,100 830 3,700 1,800 2,000 3,200 5,500	4,300 27,200 850 3,700 1,800 2,000 3,100 6,500	3,100 34,500 920 4,000 1,800 2,100 2,800 6,100	266 5,058 149 226 234 150 131 440	688 4,488 115 233 270 160 140 683	465 5,693 147 220 252 168 120 561	11.50 10.30 8.00 6.53 8.43 13.70 9.15 12.00	10.10 9.97 4.50 6.20 9.79 11.10 8.56 11.40	13.30 9.18 5.16 5.50 8.90 12.20 8.10 11.30
Total	47,030	49,450	55,320	6,654	6,777	7,626	10.30	9.90	9.48
Fall: ArizCalif	1,700 2,700	850 2,500	800 6,000	170 338	102 250	96 750	11.70 9.15	9.11 13.20	8.97 9.95
Total	4,400	3,350	6,800	508	352	846	10.00	12.00	9.81
u.s	75,030	79,500	93,920	10,005	10,760	13,029	11.00	10.60	9.63

¹ Excludes casaba, crenshaw, persian, santa claus, honeyball, and honeydew melons. ² Preliminary.

Table 232.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-78

			Total cre	р		For	fresh ma	rket	Fo	r processi	ng
Year	Area	Yield	Produc-	Val	lue 2	Produc-	Val	ue ²	Produc-	Val	ue 3
	for harvest	per acre	tion 1	Per cwt.	Total	tion	Per cwt.	Total	tion	Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
64	82,510	197	16,216	3.46	56,183			****		****	
65	79,680	219	17,469	3.50	61,176						****
66	79,680	216	17,215	4.02	69,176			****			
67	61,290	215	17,501	4.16	72,873	****					***
	72,200	265 233	19,142 18,380	4.31	82,516 80,260	11.168	6.22	e0 804	200,000	20.00	10.78
70	77,570	234	18,156	3.63	65,953	10,952	5.09	69,504 55,783	360,600	29.80 28.20	10,75
71	72,330	261	18.866	5.02	94,738	11.671	7.18	83,753	359,750	30.50	10,1
72	75,800	259	19,605	5.14	100,749	12.571	7.21	90,651	351,700	28.70	10.0
73	83,800	266	22,284	4.76	106,034	12.857	7.20	92,532	471,350	28.60	13.5
74	78,550	292	22,924	5.28	121,145	13,289		101,811	481,750	40.10	19,3
75	70,180	272	19.073	6.93	132,196	12,567		118,013	325,300	43.60	14,1
76	73,370	262	19,247	5.95	114,565	12,505	8.11	101,363	337,100	39.20	13,2
77	69,520	276	19,208	7.36	141,432	10,872		123,234	416,800	43.70	18,1
784	76,120	258	19,630	6.67	130,855	11,111	10.00	111,618	425,950	45.20	19,2

¹ Excludes the following quantites not harvested or not marketed because of economic conditions (1,000 hundred-weight): 170 in 1975 and 243 in 1976.
² Price and value on f.o.b. basis.
³ Price and value at processing plant door.

Table 233.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Season and State		Area		1	Production		v	alue per u	nit
Season and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
Winter: t Ariz	Acres 500	Acres 600	Acres 700	1,000 cwt. 60	1,000 cwt. 84	1,000 cwt. 105	Dollars per cwt. 6.22	Dollars per cwt. 16.90	Dollars per cwt. 9.72
Desert ² Other Tex	4,400 4,900 10,500	4,000 4,100 8,000	3,800 4,100 9,200	1,056 1,519 1,575	1,040 1,107 1,120	950 1,210 1,794	5.18 5.30 5.70	12.00 11.30 12.60	7.58 7.86 6.10
Total	20,300	16,700	17,800	4,210	3,351	4,059	5.43	12.10	7.00
Spring: Ariz Calif.:	1,500	1,200	1,300	165	180	150	7.15	9.01	8.8
Desert ² Other Tex	5,700 4,800 5,300	5,700 4,900 3,200	5,200 4,700 4,700	1,397 1,728 636	1,083 1,568 592	1,040 1,551 611	4.57 6.16 5.67	8.79 9.12 8.45	6.90 8.40 7.30
Total	17,300	15,000	15,900	3,926	3,423	3,352	5.56	8.90	7.76
Summer: Calif.: Other Colo III Mich Tex Wash Wis	6,300 1,000 250 3,300 700 700 1,700	6,800 1,000 250 3,000 800 1,000 1,700	7,100 1,000 300 3,300 500 900 1,400	1,890 280 75 858 126 242 638	2,346 220 88 690 100 435 799	1,633 250 90 792 90 342 581	6.79 8.26 6.27 7.35 10.20 7.24 3.28	5.60 8.24 5.45 9.57 12.70 4.20 3.33	10.46 9.96 6.96 11.30 11.56 5.20 4.16
Total	13,950	14,550	14,500	4,109	4,678	3,778	6.58	5.94	9.00
Fall: Calif.: Desert Other Mich Minn.² N.Y Oreg Tex Wash Wis.² N.J and Ohio	700 6,200 2,700 1,000 1,800 960 2,300 3,400 1,600 1,160	500 7,000 2,600 1,100 1,900 1,200 2,200 4,000 1,800 970	500 8,100 2,800 1,900 1,400 4,800 3,600 2,400 1,120	147 1,550 783 450 630 427 428 1,547 624 416	95 1,995 611 534 589 528 341 1,900 837 326	110 2,106 672 553 580 532 864 1,548 1,008 468	10.50 8.61 8.09 2.82 7.60 3.59 9.71 4.55 3.13 2.06	8.88 6.73 10.10 3.57 13.10 3.26 7.56 2.61 3.17 2.22	8.0 5.8 8.4 3.6 7.4 3.8 7.0 2.5 3.3 2.4
Total	21,820	23,270	27,920	7,002	7,756	8,441	6.11	5.51	4.9
U.S	73,370	69,520	76,120	19,247	19,208	19,630	5.95	7.36	6.67

			For fresi	n marke	t				For proce	essing		
State	I	roducti	on	Val	lue per i	unit	1	Productio	n	Val	ue per i	unit
	1976	1977	19781	1976	1977	19781	1976	1977	19781	1976	1977	19781
Ariz Calif Colo Mich Mich Minn N.Y Oreg Tex Wash Wis Other States 3	1,000 cwt. 225 7,243 280 1,195 56 401 78 2,165 610 192 60	1,000 cwt. 264 6,446 220 1,041 120 418 76 1,713 411 103 60	1,000 CW4. 255 6,182 250 1,006 109 300 70 2,467 261 148 63	Dol- lars per cwt. 6.90 7.48 8.26 9.81 11.30 10.50 12.80 7.74 11.30 8.71 7.30	Dol- lars per cwt. 11.50 10.70 8.24 11.60 10.20 17.50 11.80 13.06 9.76 7.00	Dol- lars per cwt. 9.24 9.82 9.85 13.50 11.50 12.40 16.00 8.57 11.80 10.60 9.00	Tons 102,200 22,300 19,700 11,450 30,000 58,950 53,500 21,550	Tons 139,400 13,000 20,700 8,550 22,600 22,000 96,200 76,650 17,700	Tons 120,900 22,200 22,200 14,000 23,100 44,600 81,450 72,050 24,750	Dol- lars per ton 40.30 41.20 50.30 32.20 50.30 32.00 41.30 44.30 41.30	Dol- lars per ton 49.50 51.30 33.10 44.60 36.40 31.80 56.30 44.20	Dol- lars per ton 53.20 42.90 33.50 43.80 39.00 33.70 32.00 58.90 49.00
U.S	12,505	10,872	11,111	8.11	11.30	10.00	337,100	416,800	425,950	39.20	43.70	45.20

See footnotes on page 165.

Table 234.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-781

		Area		1	Production		V	alue per u	nit
Season and State	1976	1977	19782	1976	1977	19783	1976	1977	19782
Winter: Ariz Calif Tex	Acres 750 6,000 150	Acres 31,210 5,900 (3)	Acres 31,500 4,300 (3)	1,000 cwt. 45 510 15	2,000 cwt. 385 443 (3)	1,000 cwt. 3 108 301 (3)	Dollars per cwt. 21.40 20.40 20.90	Dollars per cwt. 3 28.70 25.60 (3)	Dollars per cwt. 327.70 26.60
Total	6,900	7,110	5,800	570	528	409	20.50	26.10	26.90
Spring: Calif	5,200	5,900	5,200	468	590	421	18.90	19.20	28.30
Total	5,200	5,900	5,200	468	590	421	18.90	19.20	28.30
Summer: Calif	5,900 1,400	6,800 1,200	9,900 1,200	620 106	714 92	1,089 78	15.10 22.10	20.50 23.90	20.40 21.00
Total	7,300	8,000	11,100	726	806	1,167	16.10	20.80	20.50
Fall: Ariz. ³ Calif Mich N.Y Oreg Tex. ³	250 9,400 550 1,700 1,900 350	3400 11,400 850 1,800 1,900 (3)	3800 14,000 600 2,000 2,100 (3)	15 799 30 196 257 20	³ 25 1,197 51 225 285 (³)	3 50 1,470 30 196 326 (3)	33.90 14.80 21.60 16.70 11.00 29.70	³ 19.50 19.30 16.90 19.60 9.14 (³)	³ 22 28 20.00 26.70 17.80 10.60 (³)
Total	14,150	16,350	19,500	1,317	1,783	2,072	14.90	17.60	18.50
U.S	33,550	37,360	41,600	3,081	3,707	4,069	16.80	19.80	20.90

			For fresh	market					For pro	cessing		
State	P	roductio	on.	Val	ue per u	ınit	ī	roductio	n	Va	lue per u	ınit
	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782
Ariz	1,000 cwt. 60 1,522 27 93	1,000 cwt. 93 1,664 24 365	1,000 cwt. 1,594 492	Dol- lars per cwt. 24.50 21.50 23.30 23.10	Doi- lars per cwt. 28.80 23.30 28.40 21.00	Dollars per cwt. 25.90	Tons 43,750 150 10,200	Tons 64,000 1,350 12,700	Tons 84,350 14,800	Dol- lars per ton 176.00 133.00 158.00	Dol- lars per ton 337.00 132.00 144.00	Dol- lars per ton 350.00
U.S	1,999	2,146	2,086	21.30	23.20	25.00	54,100	78,050	99,150	173.00	302.00	331.00

Includes heading (cauliflower) broccoli.
 Preliminary.
 Texas and Arisona are combined to avoid disclosure.
 Arisona, Michigan, New York, Oregon, and Texas.

Table 235. - Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1964-781

			Total cro	p		For	fresh ma	rket	Fo	r processi	ng
Year	Area	Yield	Produc-	Val	ue ³	Produc-	Val	ue ³	Produc-	Val	ue 4
	for harvest	per acre	tion 2	Per cwt.	Total	tion	Per cwt.	Total	tion	Per ton	Total
964 965 966 967 988 999 970 971 972 973 974 975 976 976 977	Acres 26,460 24,800 25,950 27,350 27,350 24,960 24,960 31,780 32,220 31,980 37,380	Cwt. 95 100 97 93 100 96 96 98 106 93 94 94 99 99	1,000 cwt. 2,507 2,473 2,526 2,445 2,737 2,615 2,298 2,456 2,989 2,940 3,033 2,998 3,081 3,707	Dollars 7.69 8.22 8.62 8.77 8.77 9.47 10.20 10.60 11.50 13.10 15.20 16.80 19.80	1,000 dollars 19,291 20,333 21,786 21,747 24,015 24,775 21,786 25,107 33,902 39,594 45,504 51,968 73,387	1,000 cwt. 1,650 1,354 1,274 1,611 1,442 1,553 1,755 1,999 2,146	Dollars 11.80 12.40 14.50 14.60 16.40 17.80 19.90 21.30 23.20	1,000 dollars 19,533 16,776 18,420 23,625 27,663 35,000 42,535 49,816	48,250 47,200 59,100 68,900 74,000 62,150 54,100 78,050	Dellars 109,00 106,00 113,00 116,00 137,00 161,00 169,00 173,00 302,00	1,000 dollars 5,24 5,01 6,68 8,00 10,27 11,94 10,50 9,33 23,57

-

¹ Includes heading (cauliflower) broccoli.

² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 handredweighth: 42 in 1970, 37 in 1973.

³ Price and value on f.o.b. basis.

⁴ Price and value at processing plant door.

⁵ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 236.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-781

	Area	Yield		Val	ue ³		Area	Yield		Val	ue ³
Year	for harvest	per	Produc- tion 2	Per cwt.	Total	Year	for harvest	per acre	Produc- tion 3	Per cwt.	Total
1964 1965 1966 1967 1968 1969 1970	Acres 30,540 30,790 32,710 32,660 32,910 33,180 33,080 33,540	Cwt. 455 454 449 450 470 476 469 474	1,000 cwt. 13,882 13,977 14,680 14,684 15,465 15,790 15,531 15,909	Dollars 4.58 4.43 4.88 4.75 4.65 5.61 5.39 5.46	1,000 dollars 63,518 61,940 71,659 69,719 71,940 88,601 83,642 86,908	1972	Acres 33,220 33,480 32,690 31,750 33,660 33,760 33,310	Cwt. 482 501 504 498 502 491 474	1,000 cwt. 16,021 16,784 16,476 15,826 16,904 16,561 15,780	Dollars 6.42 6.04 5.70 7.46 7.89 8.51 11.60	1,000 dollars 102,79 101,35 93,95 118,12 133,33 140,97 183,78

¹ Mostly for freeh market use, but includes quantities used for processing.
² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight: 183 in 1964, 134 in 1965, 297 in 1966, 823 in 1967, 351 in 1968, 128 in 1969, 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.
³ Price and value on f.o.b. basis.
⁴ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES POR TABLE 238

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 157 in 1964, 46 in 1965, 89 in 1965, 30 in 1967, 49 in 1969, 120 in 1970, 349 in 1971, and 77 in 1972.

² Price and value on f.o.b. basis.

³ Price and value at processing plant door.

⁴ Preliminary.

Table 237.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1976-781

		Area	-	1	Production		v	alue per u	nit
Season and State	1976	1977	19781	1976	1977	19782	1976	1977	19782
Winter:	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Calif.: Southern Coast Fla	3,800 4,300	4,100 4,100	4,300 4,400	2,128 2,086	2,317 1,640	2,301 1,848	8.65 10.40	11.40 12.50	8.82 11.20
Total	8,100	8,200	8,700	4,214	3,957	4,149	9.52	11.90	9.88
Spring: Calif.: Southern Coast Central Coast Fla	4,900 500 3,900	4,800 600 4,000	4,300 480 4,700	2,646 280 1,463	2,808 336 1,160	2,279 300 1,575	6.22 5.92 9.15	7.39 6.48 10.60	15.10 19.80 14.50
Total	9,300	9,400	9,480	4,389	4,304	4,154	7.18	8.19	15.20
Summer: Calif.: Central Coast Mich N.Y Ohio Total	3,700 1,800 760 220 6,480	4,000 1,900 440 230 6,570	3,500 2,000 600 330 6,430	2,035 801 258 103 3,197	2,340 846 185 97 3,468	1,855 810 252 172 3,089	6.29 8.54 8.44 9.48 7.13	6.50 8.39 8.47 8.12 7.11	12.20 14.40 15.70 13.70
Fall: Calif.: Southern Coast Central Coast Fla Mich N.Y Wash ³	2,000 4,900 2,000 500 130 250	2,000 4,900 1,800 500 110 280	1,800 4,400 2,100 300 100	1,130 2,891 700 215 48 120	1,160 2,867 423 228 46 108	1,017 2,552 651 126 42	7.70 7.25 8.98 8.48 7.70 7.17	5.90 7.21 8.61 7.71 8.70 6.90	8.50 8.26 11.10 12.20 14.60
Total	9,780	9,590	8,700	5,104	4,832	4,388	7.63	7.05	8.91
U.S	33,660	33,760	33,310	16,904	16,561	15,780	7.89	8.51	11.60

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Preliminary. ³ Estimates discontinued in 1978.

Table 238.—Corn, sweet, commercial crop: Area, yield, production, value per hundred-weight and per ton, and total value, United States, 1964-78

		For	fresh ma	rket			Fe	or processin	E .	
Year	Area	Yield	Pro-	Val	lue 2	Area	Yield	Pro-	Val	ue ³
	for harvest	per	duc- tion 1	Per cwt.	Total	har- vested	acre	duc- tion	Per ton	Total
			1,000		1,000					1,000
	Acres	Cwt.	cwt.	Dollars	dollars	Acres	Tons	Tons	Dollars	dollars
1964	197,850	62	12,198	4.52	55,088	353,040	4.19	1,480,700	20.40	30,18
1965	199,480	66	13,198	4.38	57,795	376,690	4.28	1,613,600	22.41	36,15
	194,860	63 70	12,204	5.06	61,749	445,650	4.40	1,962,400	22.70	44,63
	190,100 182,880	69	13,219 12,670	4.83 5.21	63,852	470,550	4.47	2,101,900	25.00	52,54
	189,100	69		4.93	66,038	519,160	4.78	2,479,300	25.60	63,40
1969		69	12,996 13,102	5.27	64,061	448,700 413,650	4.70	2,109,350 1,888,200	25.10 23.90	52,98 45,13
1971	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,78
1972		73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,75
1973		78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,16
1974	177,400	77	13,609	7.80	106,116	462,150	4.48	2,069,450	54.30	112.30
1975		79	14,061	8.41	118,451	508,700	4.70	2,393,100	53.60	128,22
1976	179,500	80	14,370	8.18	117,603	460,980	4.84	2,233,100	48.20	107,70
1977	169,900	79	13,406	8.07	108,253	453,980	5.23	2.376,200	49.60	117.87
19784	170,000	77	13,065	8.75	114,320	429,610	5.65	2,428,950	50.30	122.23

See footnotes on page 169.

Table 239.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Utilization		Area			Production	die per	V	due per ui	nit
season, and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
POR PRESH MARKET Winter: Fla	Acres 11,300	Acres 3,800	Acres 10,800	1,000 cwt. 1,130	1,000 cwt. 285	1,000 cwt. 767	Dollars per cwt. 11.20	Dollars per cwt. 11.30	Dollars per cwt. 13.10
Total	11,300	3,800	10,800	1,130	285	767	11.20	11.30	13.10
Spring:									
Ala Calif Pla Tex	1,200 6,200 32,500 2,200	1,000 6,600 32,500 3,100	900 6,100 30,500 1,800	90 620 3,575 132	60 627 3,575 202	72 641 3,355 162	8.00 9.11 7.42 6.85	8.10 9.74 8.89 7.20	9.10 10.50 8.51 8.30
Total	42,100	43,200	39,300	4,417	4,464	4,230	7.65	8.92	8.82
Summer: Ala Calif Calif Colo Conn III Mass Mich N.J3 N.Y N.C Ohio Oreg Pa Va Wash Total Fall: Calif Fla Total	1,800 7,800 3,400 4,500 4,600 7,400 11,100 21,130 11,100 14,000 11,900 11,900 14,000 14,000 14,000	1,200 6,800 3,300 4,400 7,200 12,300 20,500 4,900 14,500 1,2	1,200 6,600 3,200 4,600 3,900 6,500 11,700 21,000 21,000 1,700 1,000 2,000 104,700 1,400 13,800 15,200	135 468 306 293 350 533 701 777 1,372 351 916 916 134 151 7,542	60 408 314 277 344 432 775 775 775 775 1,517 294 1,088 171 666 92 171 7,386	84 330 320 322 328 572 702 700 1,323 249 1,036 145 578 100 6,949 70 1,049	11.20 7.01 7.65 7.94 5.56 7.71 7.33 9.63 7.54 7.13 9.12 9.56 8.50 12.60 8.52 8.14	8.80 7.82 7.31 7.00 4.27 8.90 7.07 7.57 6.12 7.15 8.11 9.90 8.02 5.88 9.32 7.31	12.905 9.446 6.987 7.107 7.555 7.700 9.222 8.55 6.666 9.00 9.11 8.00 8.55 8.22
U.S	179,500	169,900	170,000	14,370	13,406	13,065	8.18	8.07	8.7
POR PROCESSING Del Idabo Ill Ill Ilows Md Minn N.Y Oreg Pa Wash Wis Other States ⁴ U.S	Acres 1,800 23,600 52,600 10,400 13,700 116,500 21,000 39,900 5,100 36,100 129,700 10,580	Acres 24,500 45,900 9,200 12,900 12,900 17,000 40,900 5,000 130,700 11,080 453,980	Acres 2,300 23,800 48,400 6,700 11,500 20,300 40,200 4,400 9,010 429,610	Tons ³ 6,500 162,850 244,250 41,450 503,200 82,750 312,750 17,450 226,000 543,850 42,050	Tons ³ 141,300 225,350 46,350 45,550 648,000 301,700 16,700 222,650 596,000 36,100 2,376,200	Tons ³ 10,500 157,900 246,850 36,000 49,900 641,100 99,450 320,000 16,900 504,150 38,100 2,428,950	Dollars per ton 51.20 50.50 48.20 52.80 43.80 45.40 57.30 50.50 40.20 51.10	Dollars per ton 48.70 52.80 45.80 57.90 46.00 45.70 64.40 49.40 56.80 42.30 55.70	Dollars per ton 75.56 51.0 51.0 45.9 61.3 45.4 54.3 58.9 42.8 59.4 41.4 55.7
					3.046,500	3.082,200	76.30	74.20	76.7

¹Preliminary.

²Escludes the following quantities not harvested or not marketed because of economic conditions: 56,000 cwt. in 1978.

³Tonnage in husk.

⁴1976—Indiana, Texas, Utah, Virginia, and West Virginia; 1977—Delaware, Indiana, Texas, Utah, Virginia, and West Virginia; 1978—Indiana, Texas, Utah, Virginia, and West Virginia; 1978—Indiana, Texas, Utah, Virginia, and West Virginia; 1978—Indiana, Texas, Utah, Virginia, and West Virginia.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 240.—Cucumbers, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Utilization.		Area		1	Production		V	alue per ui	nit
season, and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
POR PRESH MARKET				1,000	1,000	1,000	Dollars	Dollars	Dollars
pring:	Acres	Acres	Acres	cwt.	cwt.	cwt.	per cwt.	per cwt.	
Calif	1.000	850	800	265	225	208	11.00	12.20	per cwd 18.70
Fla	7,800	8,000	8,000	265 1,287	1,160	1,200	6.36	9.38	11.20
N.C	7,800 3,000	850 8,000 3,000	3,400	171	210	133	7.90	7.02	16.00
S.C.*	4,000	4,100	3,400 3,600	380	369	360	10.30	7.20	11.90
Tex	2,900	2,900	3,400	136	290	357	12.90	11.90	16.10
Total	18,700	18,850	19,200	2,239	2,254	2,258	8.09	9.41	13.10
immer:									
Calif	1,300 1,600	1,300	1,500 1,500	345	364	390	8.95	10.60	10.60
Md	1,600	1,600	1,500	155	150	147	11.00	10.30	9.21 12.10
Mich	2,000	2,100	2,100	140	168	147	11.00	9.28	12.10
N.J	1,500	1,500	1,500	218	225	218	5.14	13.10	11.4
N.Y	2,200	2,200	2,500	253	253	263	11.30	10.70	11.4
N.C	3,900	3,800	5,100	265	220	281	9.01	8.61	11.60
Tex	800	1,800	1,000	96	216	155	12.10	11.90	14.2
Va	2,600	3,000	3,100	169	204	217	10.20	11.00	12.50
Total	15,900	17,300	18,300	1,641	1,800	1,818	9.50	10.70	11.5
all:									
Calif	600	700	600	117	133	114	12.40	13.30	11.9
Fla	7,000	7,800	7,600	665	936	912	13.30	9.57	9.2
8.C	1,400	1,200	1,000	64	61	66	9.94	9.89	9.6
Tex	3,000	4,300	4,800 1,800	165	305	336	14.90	9.70	9.5
Va	2,200	1,500	1,800	139	84	110	8.00	6.07	9.9
Total	14,200	15,500	15,800	1,150	1,519	1,538	12.60	9.74	9.5
All groups	48,800	51,650	53,300	5,030	5,573	5,614	9.58	9.93	11.6
Hawaii	260	260	280	48	43	42	17.80	23.40	23.6
u.s	49,060	51,910	53,580	5,078	5,616	5,656	9.66	10.00	11.70
					- 1		Dollars	Dollars	Dollar
FOR PROCESSENG	Acres	Acres	Acres	Tons	Tons	Tons	per ton	per ton	per to
da	4.300	3.800	5,600	19,800	6.650	7,450	118.00	163.00	114.0
alif	4,800	4,300	3,900	19,800 71,050 22,050	61,800	7,450 61,600	126.00	120.00	137.0
olo	2,400	1,600	2,200	22.050	17,250	17,500	78.50	106.00	131.0
nd	1,400	1,400	950	11,500	9,750	9,200	104.00	108.00	142.0
ld	3,600	2,800	2,900	19,800	19,450	19,750	113.00	112.00	117.0
lich	25,500	24,500	26,500	103,300	114,000	126,000	112.00	109.00	120.0
fine	5,000	3,600		12,000	6,100		111.00	143.00	
.C	1,800 27,700	1,400 28,000	1.600	15,450	13,200 72,900	14,700	135.00	132.00	157.0
J	27,700	28,000	29,500	78,100	72,900	77,300	139.00	132.00	128.0
hio	6,200	6,400	1,600 29,500 6,400	15,450 78,100 67,000	71,200	14,700 77,300 67,700	145.00	132.00	132.0
C	7,700	8,700	9,700	19,050	24,950	29.650	135.00	141.00	156.0
ex	6,000	5,400	7,000	37,850	38,600	55,600	129.00	139.00	130.0
a	2,700	2,800	3,600	13,900	8,600	20,200	124.00	119.00	123.0
Vis Other States 5	10,100	9,400	11,100	44,500	58,550	61,050	117.00	127.00	106.0
	19,180	19,690	23,320	98,450	100,850	117,800 685,500	135.00	135.00	141.0
U.S	128,380	123,790	134,270	633,800	623,850		126.00	-	
Grand total	177,440	175,700	187,850	887,700	904,650	968,300	145.00	149.00	160.0

¹ Preliminary.
² Excludes the following quantities not harvested or not marketed because of economic conditions: 40,000 cwt. in

² Ezcludes the following quantures not narvessed or loss many properties of the properties of the

Table 241.—Cucumbers, commercial crop: Area, yield, production, value per hundredweight and per ton, total value, and pickle stocks, United States, 1964-78

	-	For	fresh ma	rket			Fe	or processi	ng		
Year	Area	Yield		Val	ue ²	Area	Yield		Val	ue ³	Pickle stocks on
	for harvest	per acre	Produc- tion 1	Per cwt.	Total	har- vested	per acre	Produc- tion 1	Per ton	Total	hand Oct. 14
964 985 966 967 968 969 970 971 972 973 974 975 977 977 977	Acres 52,280 50,500 48,190 50,380 48,580 47,670 46,550 43,890 45,690 51,910 53,580	Cwt. 95 98 98 99 83 91 94 93 96 96 102 104 108 106 106 106 106 106 106 106 106 106 106	1,000 cwt. 4,964 4,932 4,728 4,990 4,449 4,422 4,478 4,326 4,702 4,206 4,676 4,840 5,078 5,636	Dollars 5.72 5.92 6.74 6.37 7.12 7.21 6.42 7.57 8.14 9.34 10.40 9.66 10.00 11.70	1,000 dollars 28,326 29,209 31,845 31,787 31,659 31,861 28,737 32,742 38,274 39,292 48,683 50,292 49,063 56,336 66,151	Acres 108,900 108,210 131,020 156,200 148,320 135,020 133,580 127,600 128,830 125,930 132,010 140,170 128,380 123,790	Tons 3.91 3.97 4.10 3.81 3.83 4.41 4.43 4.76 4.52 4.81 4.94 5.11	Tons 425,790 429,220 537,800 599,350 564,460 517,000 588,800 563,100 571,150 598,800 597,000 674,250 633,800 623,850 685,500	Dollars 65.80 76.00 81.60 91.20 92.10 91.90 94.10 93.20 94.00 99.30 131.00 126.00 126.00 130.00	1,000 dollars 28,025 32,603 43,866 54,662 55,003 47,534 55,360 59,448 77,950 79,751 78,651 78,652 88,820	Tons 434,234 441,656 485,700 572,400 591,456 548,500 539,756 501,000 496,000 476,500 476,500 471,556

¹Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 101 in 1964, 3 for fresh market and 13,630 tons for processing in 1965.

²Price and value or f.o.b. basis.

³Price and value at processing plant door.

⁴Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles.

⁸Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 242.—Eggplant, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

	Area	Yield		Val	ue ²		Area	Yield		Val	ue ²
Year	for harvest	per	Produc- tion 1	Per cwt.	Total	Year	for harvest	per acre	Produc- tion 1	Per cwt.	Total
1964	Acres 3,850 3,850 3,350 3,350 2,900 3,350 3,000 2,770	Cwt. 134 153 152 155 146 143 156 158	1,000 cwt. 517 558 510 551 424 478 467 437	Dollars 6.25 5.88 7.40 6.58 10.70 8.62 8.03 9.18	1,000 dollars 3,231 3,283 3,775 3,623 4,520 4,120 3,749 4,013	1972 1973 1974 1975 1976 1977	Acres 3,100 2,800 3,250 3,350 3,450 3,150 3,350	Cwt. 168 188 186 209 203 203 197	1,000 cwt. 522 527 605 701 702 641 661	Dollars 8.68 9.80 11.90 10.40 11.00 12.60	2,000 dollars 4,53 5,16 7,04 7,28 7,31 7,05 8,34

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight: 20 in 1964, 20 in 1965, and 21 in 1966.
² Prics and value on f.o.b. basis.
³ Preliminary.

Table 243.—Eggplant, commercial crop: Area, production, and value per hundredweight, by States, 1976-78

		Area		1	Production		V	alue per u	nit
Season and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
Winter: Fla Spring: Fla Summer: N.J Fall: Fla	Acres 550 900 1,200 800	Acres 250 900 1,000 1,000	Acres 450 800 1,000 1,100	1,000 cwt. 118 230 174 180	1,000 cwt. 50 221 155 215	1,000 cwt. 99 176 155 231	Dollars per cwt. 9.97 9.76 10.70 11.30	Dollars per cwt. 13.80 11.80 12.30 8.62	Dollars per cwt. 10.3 15.70 16.30 8.80
U.S	3,450	3,150	3,350	702	641	661	10.40	11.00	12.6

¹ Preliminary.

Table 244.—Escarole-endive, commercial crop: Area, production, and value per hundredweight, by States, 1976-78

		Area		1	Production		v	alue per u	nit
Season and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
Winter:	Acres 2,700	Acres 2,700	Acres 2,600	1,000 cwt. 378	1,000 cwt. 324	1,000 cwt. 325	Dollars per cwt. 14.20	Dollars per cwt. 21.10	Dollars per cwt. 21.10
Total	2,700	2,700	2,600	378	324	325	14.20	21.10	21.10
Spring: Fla N.J Ohio	1,500 400 100	1,600 330 100	1,800 250 50	210 62 14	208 58 10	270 48 6	11.40 12.80 20.00	12.80 10.20 21.00	20.30 42.20 45.00
Total	2,000	2,030	2,100	286	276	324	12.10	12.60	24.00
Summer: N.J. Ohio	700 500	770 500	650 600	130 73	135 65	120 87	15.30 21.00	13.50 20.50	19.20 30.60
Total	1,200	1,270	1,250	203	200	207	17.30	15.80	24.00
Fall: Fla Ohio	1,700 50	1,700 50	1,600 50	238 5	221	200 5	12.70 20.30	12.60 22.60	11.30 25.80
Total	1,750	1,750	1,650	243	225	205	12.90	12.80	11.70
U.S	7,650	7,750	7,600	1,110	1,025	1,061	13.90	15.90	20.70

¹ Preliminary.

Table 245.—Escarole-endive, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

	Area	Yield		Val	ue 2		Area	Yield		Val	ue 2
Year	for harvest	per	Produc- tion 1	Per cwt.	Total	Year	for harvest	per acre	Produc- tion 1	Per cwt.	Total
1964	Acres 8,800 10,200 10,450 9,450 7,800 9,500 8,800 9,100	Cwt. 113 99 109 119 137 116 127 127	1,000 cwt. 993 1,012 1,143 1,122 1,066 1,102 1,120 1,120	Dollars 6.65 5.91 5.80 6.21 7.60 7.49 6.48 9.10	1,000 dollars 6,608 5,979 6,632 6,965 8,107 8,249 7,259 10,513	1972 1973 1974 1975 1976 1977 1978	Acres 9,800 8,400 8,300 7,600 7,650 7,750 7,600	Cwt. 120 143 135 144 145 132 140	1,000 cwt. 1,180 1,199 1,123 1,092 1,110 1,025 1,061	Dollars 7.99 11.60 10.80 12.10 14.00 15.90 20.70	1,000 dollars 9,43 13,94 12,15 13,19 15,48 16,33 21,99

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 53 in 1965 and 40 in 1968.

² Price and value on f.o.b. basis.

³ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 246.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

	Area	Yield	ibert	Val	ue 1	all a	Area	Yield		Val	ue 1
Year	for harvest	per acre	Produc- tion	Per cwt.	Total	Year	for harvest	per acre	Produc- tion	Per cwt.	Total
1964	Acres 9,800 10,300 9,100 11,300 10,300 13,200 12,300	Cwt. 134 145 134 140 134 143 146 186	1,000 cwt. 1,312 1,496 1,216 1,577 1,379 1,971 1,931 2,039	Dollars 5.49 5.62 6.63 5.82 6.71 5.86 5.66 6.23	1,000 dollars 7,206 8,411 8,062 9,186 9,249 11,544 10,936 12,712	1972 1973 1974 1975 1976 1977 1978	Acres 13,200 14,000 12,400 12,570 13,950 15,480 18,520	Cirt. 175 175 176 191 168 167 186	1,000 cwt. 2,307 2,453 2,185 2,395 2,396 2,591 3,442	Dollars 6.24 7.47 8.23 9.31 10.60 9.87 9.57	1,000 dollars 14,39 18,32 17,99 22,28 24,91 25,56 32,94

Price and value on f.o.b. basis. Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 247.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1976-78

		Area		1	Production		V	alue per u	nit
Season and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
Spring: Tex	Acres 3,500	Acres 5,100	Acres 4,000	1,000 cwt. 291	1,000 cwt. 500	1,000 cwt. 600	Dollars per cwt. 18.40	Dollars per cwt. 14.30	Dollars per cwt. 13.90
Total	3,500	5,100	4,000	291	500	600	18.40	14.30	13.90
Summer: ArizCalif	1,700 7,600	1,100 8,300	1,400 11,000	145 1,710	165 1,702	224 2,145	11.50 9.28	10.50 8.63	8.90 8.80
Total	9,300	9,400	12,400	1,855	1,867	2,369	9.45	8.80	8.8
Pall: ArisCalif	400 750	170 810	220 1,900	42 158	30 194	45 428	8.72 10.50	8.13 9.00	7.0 7.9
Total	1,150	980	2,120	200	224	473	10.10	8.88	7.8
U.S	13,950	15,480	18,520	2,346	2,591	3,442	10.60	9.87	9.5

1 Preliminary.

Table 248.—Garlic, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-781

	Area	Yield		Va	lue	1	Area	Yield		Va	lue
Year	for harvest	per	Produc- tion	Per cwt.	Total	Year	for harvest	per acre	Produc- tion	Per cwt.	Total
1964 1965 1966 1967 1968 1969 1970	Acres 4,400 4,600 3,500 4,400 6,400 7,300 5,600 3,700	Cwt. 115 120 100 115 125 120 130 130	1,000 cwt. 506 552 350 506 800 876 728 481	Dollars 9.38 8.40 8.27 10.10 8.99 8.44 8.39 9.32	1,000 dollars 4,746 4,636 2,894 5,120 7,192 7,397 6,111 4,485	1972 1973 1974 1975 1976 1977	Acres 5,100 6,900 9,000 10,800 8,800 10,400 13,000	Cwrt. 130 130 130 130 105 110 120	1,000 cwt. 663 897 1,170 1,404 924 1,144 1,560	Dollars 9.84 11.70 12.20 13.10 13.00 14.30 15.80	1,000 dollars 6,525 10,522 14,265 18,415 11,995 16,336 24,723

¹California only. Includes production for fresh market and processing.
²Preliminary.

Table 249.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

	Area	Yield		Val	lue ²		Area	Yield		Val	ue ²
Year	for harvest	per acre	Produc- tion 1	Per cwt.	Total	Year	for harvest	per acre	Produc- tion 1	Per cwt.	Total
1964	Acres 212,590 214,940 216,960 221,150 220,980 228,570 234,740 216,750	Cwt. 184 190 191 195 200 196 198 219	1,000 cwt. 39,137 40,884 41,534 42,966 44,273 44,874 46,540 47,367	Dollars 4.40 4.61 5.31 4.99 4.51 5.41 4.75 6.31	1,000 dollars 172,068 188,323 220,608 214,564 199,845 242,672 221,150 298,847	1972 1973 1974 1975 1976 1977	Acres 220,470 224,950 228,320 228,750 225,020 231,480 236,450	Cwt. 221 225 225 235 240 243 256	1,000 cwt 48,720 50,535 51,431 53,658 53,955 56,267 60,516	Dollars 5.73 7.40 6.93 6.82 8.68 7.54 10.70	1,000 dollars 279,299 374,17 356,400 366,16 468,37 424,514 648,34

Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 7.2 in 1964; 46 in 1965; 673 in 1966; 124 in 1967; 735 in 1968; 576 in 1969; 915 in 1970; 338 in 1971; 82 in 1972; and 1,316 in 1973.
 Price and value on f.o.b. basis.
 Preliminary.

Table 250.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1976-78

0		Area		1	roduction		V	alue per u	nit
Season and State	1976	1977	19781	1976	1977	1978 1	1976	1977	19781
Vinter: Ariz Calif Fla Tex	Acres 13,900 41,500 3,600 2,500	Acres 14,000 40,900 4,300 2,800	Acres 15,500 39,600 4,100 3,000	1,000 cwt. 2,532 9,753 828 475	1,000 cwt. 2,800 9,612 688 490	1,000 cwt. 3,720 9,108 779 735	Dollars per cwt. 7.45 6.52 10.70 8.13	Dollars per cwt. 8.54 7.98 13.30 6.57	Dollars per cwt. 10.20 9.85 16.80 10.40
Total	61,500	62,000	62,200	13,588	13,590	14,342	7.00	8.31	10.30
pring: Ariz Calif Pla NJ N. Mex	7,400 43,600 2,500 1,700 900	7,400 41,800 2,800 1,700 750	7,700 40,400 3,600 1,400 1,300	1,734 11,772 388 289 171	1,776 11,704 406 272 128	1,348 12,928 828 245 351	8.30 6.10 9.87 7.57 5.60	5.15 5.47 8.77 8.06 6.50	21.10 15.70 22.50 13.40 15.50
Total	56,100	54,450	54,400	14,354	14,286	15,700	6.49	5.58	16.50
summer: Calif Colo Mich N.J N.Y Ohio Wash Wis	37,000 4,800 1,400 600 2,800 700 1,200 1,400	41,000 4,300 1,400 600 3,300 700 1,100 1,400	44,000 5,400 1,400 500 3,500 800 1,200 1,200	10,360 1,224 238 108 504 98 228 322	11,890 1,011 238 105 660 105 215 322	13,640 1,161 273 95 665 144 204 258	11.00 10.10 13.90 11.00 11.80 27.50 8.09 12.40	7.21 5.89 9.60 7.22 8.71 22.80 7.40 9.65	6.91 4.96 13.70 8.58 9.98 32.70 7.90 7.81
Total	49,900	53,800	58,000	13,082	14,546	16,440	11.10	7.39	7.27
all: Ariz Calif Fia N.J N. Mex Tex	16,000 33,000 2,400 1,200 3,200 1,200	16,500 36,000 2,300 1,100 3,000 1,800	16,300 35,400 2,800 700 3,700 2,400	3,410 7,755 336 288 832 224	3,465 8,820 345 220 600 297	3,505 8,673 448 154 703 444	8.11 10.10 14.70 20.00 14.20 20.60	8.15 8.74 16.10 10.80 8.85 12.70	8.56 8.00 20.70 9.85 7.94 8.00
Total	57,000	60,700	61,300	12,845	13,747	13,927	10.40	8.90	8.58
All groups	224,500	230,950	235,900	53,869	56,169	60,409	8.66	7.52	10.70
Hawaii	520	530	550	86	98	107	19.10	19.10	20.60
U.S	225,020	231,480	236,450	53,955	56,267	60,516	8.68	7.54	10.70

Preliminary.

Recommics Statistics and Conservives Service - Cron Reporting Board

Table 251.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1976–1978 ¹

		Area	-0	P	roductio	n	Shrin	kage an	d loss	Va	lue per i	unit
Season and State	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782
Spring: Ariz Calif ³ Tex	Acres 1,800 5,900 24,000	Acres 1,400 5,700 16,900	Acres 1,800 5,300 22,300	1,000 cwt. 720 1,652 4,800	1.000 cwt. 616 1,967 2,789	1,000 cwt. 738 1,590 3,345	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt. 4.75 4.73 6.92	Dollars per cwt. 7.54 8.44 13.40	Dollars per curt. 5.11 7.57 9.53
Total	31,700	24,000	29,400	7,172	5,372	5,673			****	6.20	10.90	8.41
Summer: Non-storage: N.J N. Mex Tex Wash	700 4,000 6,600 550	650 3,200 6,800 600	600 3,700 7,400 650	123 1,340 1,881 209	117 1,040 1,870 204	84 1,184 1,517 247		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8.24 5.60 6.15 5.42	8.32 7.70 9.85 8.10	9.61 8.54 10.20 9.50
Non-storage total	11,850	11,250	12,350	3,553	3,231	3,032				5.97	8.99	9.48
Storage: Colo Idaho Mich Misch N.Y Ohio Oreg.(east) Oreg.(west) Utah Wash Wis	5,900 5,300 7,100 800 13,700 470 6,000 2,200 1,500 1,800 1,400	6,800 5,300 7,100 840 13,300 560 6,600 2,100 1,700 2,700 1,200	7,800 5,200 7,200 970 13,900 550 7,100 2,100 2,200 3,100 1,400	2,183 2,915 2,166 172 3,631 174 3,300 1,133 450 720 413	2,040 2,412 2,095 218 4,057 216 3,300 967 570 1,107 348	2,730 2,444 2,446 223 4,170 204 3,337 945 792 1,178 371	373 950 206 22 545 32 1,675 239 63 120 50	450 676 415 18 811 28 926 242 103 421 38	400 736 392 40 625 28 1,004 198 137 178 50	8.35 8.60 9.40 10.80 10.60 8.54 8.60 7.85 6.68 8.55 9.54	5.53 5.45 6.30 6.35 7.81 6.12 5.45 5.39 4.63 5.94 5.56	6.85 5.80 6.00 7.00
Storage total	46,170	48,200	51,520	17,257	17,350	18,842	3,675	4,128	3,788	9.07	6.17	6.66
Calif.4	19,500	24,500	27,500	7,215	8,453	8,388	259	200	327	3.96	4.15	5.59
Total summer	77,520	83,960	91,370	28,025	29,034	30,262	3,934	4,328	4,115	7.14	5.86	6.66
U.S	109,220	107,950	120,770	35,197	34,406	35,935	3,934	4,328	4,115	6.92	6.76	6.97

Table 252. - Onions: Foreign trade, United States, 1964-77

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
1964 1965 1966 1967	1,000 cwt. 433 552 567 921 514	1,000 cwt. 1,105 1,138 1,675 1,318 1,193	1969 1970 1971 1972 1973	1,000 cwt. 837 500 590 1,458 1,079	1,000 cwt. 1,514 1,398 1,269 1,340 1,773	1974 1975 1976 1977	1,000 cwt. 909 696 1,403 1,345	1,000 cwt. 1,583 1,758 3,166 1,941

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

¹Mostly for fresh market use, but includes some quantities used for processing.

²Preliminary.

³Excludes the following quantities not harvested or not marketed because of economic conditions: 30,000 cwt in 1976.

4 Summer crop — primarily for processing.

Table 253.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundred weight, total value, stocks, United States, 1964-791

	Stocks	in storage J	an. 1					Val	ue 4
Year	In common storage 2	In cold storage	Total	Area for harvest	Yield per acre	Produc- tion 3	Shrinkage and loss	Per cwt.	Total
	1.000	1,000	1.000			1,000	1,000		1.000
	cwt.	cwt.	cwt.	Acres	Cwt.	cwt.	cwt.	Dollars	dollars
964	4,369	274	4,643	99,660	254 289 264	25,267	2,375	2.86	65.412
965	4,553	291	4,844	97,170	289	28,078	3,828	3.21	77,948
966	5,544	250 206	5,794	93,780	264	24,723	2.247	4.89	107,201
967	4,079	206	4,285	102,680	278	28,579	2,210	3.95	104,113
968	4,609	202	4,811	105,920	272	28,769	3,137	3.60	92,390
969	4,609 5,301	214	5,515	100,000	282	28,234	2,239	4.13 3.67	107,450
970	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
971	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
972	4,810 3,961	170	4,980	94,470	300	28,355	2,457	6.48	167,718
973	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
974	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
975	5,109	80	5,189	103,080	306	31,418	2,944	9.35	266,230
976	4,430	88	4,518	109,220	322	35,197	3,934	6.92	216,356
977	5,126	98	5,224	107,950	319 298	34,406	4,328	6.76	203,432
9788	5,620	63	5,683	120,770	298	35,935	4.115	6.97	221,696
9795	5,847	67	5,914						

¹Mostly for fresh market use, but includes some quantities used for processing.

²Grower and local dealer stocks.

³Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 644 in 1964, 257 in 1967, 39 in 1970, and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.

⁴Price and value on f.o.b. basis.

⁵Preliminary.

005-6=9=6=

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 254.-Peas, green, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-78

		For	fresh ma	rket			P	or processi	ng	
Year	Area	Yield	Pro-	Val	ue 1	Area	Yield	Pro-	Val	ue 2
	for harvest	per acre	duc- tion	Per cwt.	Total	har- vested	per acre	duc tion	Per ton	Total
64	Acres 4,550 3,100 2,000 1,800 2,000	Cwt. 3 45 39 35 38 30	1,000 cwt. ³ 203 120 70 68 59	Dollars 10.10 11.20 13.30 12.60 15.00	1,000 dollars 2,041 1,338 932 854 884	Acres 417,410 441,630 434,080 458,220 452,090	Tons 4 1.16 1.37 1.18 1.29 1.29	Tons 484,050 603,310 510,100 590,750 582,600	Dollars 96.90 99.80 105.00 109.00 107.00	1,000 dollars 46,89 60,19 53,32 64,29 62,37
969						404,150	1.30	524,400	106.00	55,6
970						387,360 386,210	1.26 1.37	489,550	109.00	53,3 56,6
971		*****				380,670	1.36	527,650 516,050	112.00	57.9
973		*****				423,790	1.20	507,650	119.00	60.5
974		*****				421,700	1.36	573,150	196.00	112.1
975				1		437,650	1.30	570,750	218.00	124.6
976						393,020	1.31	513,200	199.00	101.9
977						350,480	1.40	488,950	206.00	100.5
9785						355,360	1.30	461,000	206.00	94.7

¹Price and value on f.o.b. basia.

²Price and value at processing plant door.

³In the shell.

⁴Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.

⁵Preliminary.

Table 255.—Peas, green (for processing), commercial crop: Area, production, and value per ton, by States, 1976-78

State		Area		1	Production	3	V	alue per u	nit
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
							Dollars	Dollars	Dollars
	Acres	Acres	Acres	Tons	Tons	Tons	per ton	per ton	per ton
Calif	8,000	7,100	9,200	11,150	11,600	10,050	196.00	179.00	208.00
Colo	380	420	310	450	550	450	263.00	271.00	270.00
Del	9,000	8,700	8,500	11,900	11,950	10,650	206.00	231.00 236.00	224.00 219.00
daho	16,500 6,300	7,500 5,400	8,000 6,000	19,650 8,100	5,750 7,650	15,800 8,850	219.00	230.00	225.0
	72,300	65,600		82,000	100,400	82,850	191.00	201.00	218.0
Minn	4,100	5,200	67,900 5,600	5,850	7,200	8,000	265.00	248.00	252.0
	35,900	27,700	36,900	46,000	23,000	45,400	178.00	194.00	148.0
Oreg	30,900	21,100	1,400	40,000	20,000	1,800	1/8.00	194.00	189.0
Wash	74,600	69,000	75,000	129,100	106,250	118,500	200.00	202.00	204.0
	117,200	107,500	97,000	119,600	146,200	108,650	196.00	204.00	202.0
	48,740	46,360	39,550	79,400	68,400	50,000	211.00	215.00	229.0
Other States 3	40,740	40,360	39,000	18,900	00,400	00,000	211.00	213.00	229.0
U.S	393,020	350,480	355,360	513,200	488,950	461,000	199.00	206.00	206.0

Preliminary.
 Shelled basis; 21/2 pounds of peas in the shell produce approximately 1 pound of shelled peas.
 1976-77—Illinois, Iowa, Maine, Michigan, Ohio, Pennsylvania, Utah, and Virginia; 1978—Illinois, Iowa, Maine, Michigan, Utah, and Virginia.

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

Table 256.—Peppers, green, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-781

	Area	Yield		Val	ue ³		Area	Yield		Val	ue ³
Year	for harvest	per acre	Produc- tion 2	Per cwt.	Total	Year	for harvest	per	Produc- tion ³	Per cwt.	Total
1964	Acres 43,050 45,530 48,470 46,990 51,620 51,600 47,660 48,900	Cwt. 90 85 83 92 95 85 81 83	1,000 cwt. 3,874 3,891 4,024 4,328 4,916 4,361 3,872 4,072	Dollars 9.73 9.82 10.20 10.60 10.50 12.10 11.70 12.30	1,000 dollars 37,710 38,222 41,227 45,892 51,538 52,721 45,278 50,215	1972 1973 1974 1975 1976 1977 1978	Acres 47,780 47,930 48,840 50,480 53,750 55,900 53,100	Cwt. 97 99 108 101 98 95	1,000 cwt. 4,651 4,738 5,251 5,106 5,255 5,333 5,255	Dollars 12.70 13.90 14.50 16.60 16.40 19.80	1,000 dollars 59,02 65,73 76,29 84,89 88,24 87,63 104,08

¹ Mostly for fresh market use, but includes some quantities used for processing.
² Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredwight): 17 in 1964, 96 in 1965, and 62 in 1966.
² Price and value on f.o.b. basis.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 258

¹ Excludes 78,000 cwt. not marketed in 1967 and 1,369,000 cwt. in 1971. In 1966 includes 310,000 cwt. unharvested and/or not marketed which were excluded in computing price and value.

² Obtained by weighting State prices by quantity sold.

³ Preliminary.

Table 257.—Peppers, green, commercial crop: Area, production, and value per hundredweight, by States, 1976-781

		Area		1	Production		V	alue per u	nit
Season and State	1976	1977	19782	1976	1977	19782	1976	1977	19783
Winter:	Areas 5,200	Acres 4,800	Acres 5,500	1,000 cwt. 572	1,000 cwt. 264	1,000 cwt. 663	Dollars per cwt. 24.50	Dollars per cwt. 29.10	Dollars per cwt. 20.70
Total	5,200	4,800	5,500	572	264	633	24.50	29.10	20.70
Spring: Calif Pla La Tex	600 7,300 1,400 2,800	400 7,800 1,300 2,000	400 8,100 1,000 2,300	108 876 77 210	72 975 59 160	62 810 50 196	17.20 20.50 14.70 18.10	22.00 21.20 14.30 15.80	35.90 23.80 25.70 39.00
Total	12,100	11,500	11,800	1,271	1,266	1,118	19.50	20.20	27.20
Summer: Calif Ky Mich NJ N.C Ohio Tex	3,900 1,700 1,500 6,300 7,900 850 1,900	3,700 3,000 1,400 7,100 7,000 900 2,000	3,400 2,200 1,500 5,100 6,700 1,000 1,300	800 170 105 410 284 77 112	777 228 105 462 259 90 170	680 152 117 357 248 130 105	10.60 7.97 17.10 12,60 13.60 15.20 16.30	12.20 7.71 17.50 17.40 12.10 19.20 18.00	14.10 8.36 20.10 16.20 20.30 21.90 23.30
Total	24,050	25,100	21,200	1,958	2,091	1,789	12.10	13.90	16.40
Fall: Calif Pla N.J Tex	4,000 4,200 900 3,300	3,700 5,200 1,100 4,500	3,400 4,500 900 5,800	660 441 59 294	740 598 77 297	697 495 59 464	13.90 22.00 11.70 21.30	13.10 16.40 13.80 15.90	13.10 21.90 13.50 22.50
Total	12,400	14,500	14,600	1,454	1,712	1,715	17.80	14.80	18.20
U.S	53,750	55,900	53,100	5,255	5,333	5,255	16.80	16.40	19.80

¹ Mostly for fresh market use, but includes some quantities used for processing.
² Preliminary.

Table 258.—Potatoes: Area, yield, production, and value, United States, 1964-78

	Year							-								Area planted		Area harvested	harv	d per ested re	Production 1	Season average price per cwt. received by farmers?	Value of production
			Ī							Ī			Ī			1.000		1.000			1.000		1.000
																acres	. 1	acres	0	wt.	cwt.	Dollars	dollars
1964										0 1						1,311.		1,271.9		190	241,076	3.50	846,01
1965				۰	0											1,418.		1,383.1		210	291,109	2.53	730,52
1966				0	0						 0	0		0		1,497.		1,462.6		210	307,242	2.04	622,58
1967					0					0.1	 0					1,499.		1,459.9		209	305,766	1.87	567,55
1968																1,414.		1,383.3		214	295,401	2.23	657,203
1969									0							1,457.		1,415.5		221	312,578	2.24 2.21	697,84
1970					0				0					0	0	1,449.		1,421.0		229	325,716	2.21	715,12
1971					0											1,432.		1,391.0		230	319,329	1.90	602,90
1972				0	٠	0			6	0 1			0 0		. 1	1,301.		1,255.6		236	296,359	3.02	895,90
1973					0	0			0							1,329		1,306.6		230	300,013	4.90	1,471,94
1974					0	0			0		 p					1,421.		1,391.6		246	342,395	4.01	1,354,92
1975						0			e					0		1,303.		1,264.0		255	322,254	4.48	1,444,60
1976					0	0						0				1,407.		1,374.5		229 230 236 230 246 255 260 261	357,674	3.59	1,282,85
1977					0	0					 0					1,397.		1,358.7		261	354,576	3.55	1,253,61
1978						D	0 1									1,394	8	1,368.1		263	360,467	3.56	1,273,60

See footnotes on page 180.

Table 259.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1976-1978

man long and AV	Are	ea harves	ted	F	roduction		Price	for crop	of-
Season and State	1976	1977	19781	1976	1977	19781	1976	19771	19781
Vinter: Calif	1,000 acres 5.2 9.2	1,000 acres 4.5 8.9	1,000 acres 3.0 9.9	1,000 cwt. 1,144 1,840	1,000 cwt. 1,058 1,602	1,000 cwt. 690 1,931	Dollars 5.89 10.37	Dollars 5.97 10.40	Dollars 8.00 7.70
Total	-	13.4	12.9	2,984	2,660	2,621	8.70	8.69	7.8
pring: Ala Ariz Calif	11.5 6.8 34.2	10.5 6.5 30.8	9.5 6.0 29.0	1,610 1,836 13,509	1,260 1,755 11,858	950 1,590 8,265	9.39 5.06 4.59	9.90 5.12 6.01	12.0 8.1 7.4
Fla.: Hastings Other La Miss N.C Tex	19.3 2.5 2.6 1.4 13.0 7.1	19.5 1.7 2.3 1.3 13.4 5.4	20.6 1.8 2.3 1.2 13.0 7.5	4,053 400 195 133 1,885 1,101	4,290 315 173 117 2,211 891	3,502 225 173 108 1,950 1,200	4.95 6.97 4.50 4.30 5.36 9.31	5.22 8.30 5.30 5.80 6.36 10.30	5.2 8.2 5.7 7.0 5.6 7.6
Total		91.4	90.9	24,722	22,870	17,963	5.30	6.23	7.1
Number N	81 7.5 5.8 2.8 2.1 2.5 1.8 7.6 8.0 2.2 7.6 3.2 4.0 1.9 4.7 9.6 28.5 2.8	7.5 8.4 6.8 5.3 2.1 1.6 7.8 7.5 2.1 8.1 2.9 4.0 1.8 4.5 10.3 27.7 2.4	8.0 7.9 6.6 5.3 1.8 2.0 1.5 8.3 7.0 1.8 8.2 3.8 4.0 1.6 4.4 11.2 27.0	1,189 2,916 1,988 1,160 532 389 463 306 1,292 2,000 352 1,976 576 500 399 447 2,352 3,506 198	750 3,024 1,802 1,113 460 388 473 240 1,443 2,083 315 2,147 551 500 342 405 2,369 3,463 154	1,200 2,844 1,650 1,113 360 340 300 225 1,453 1,960 288 2,091 779 500 304 396 2,408 2,970	5.76 4.10 3.22 4.83 3.20 4.00 3.80 3.98 3.14 3.35 4.47 3.10 5.43 4.48 7.70 4.73 5.70	8.25 5.35 3.30 4.22 3.00 4.00 4.30 4.18 2.97 4.14 3.50 4.14 3.56 5.85 4.95 7.75 6.98 4.99 5.70	11.8 6.7 3.4 4.8 3.3 4.5 4.8 5.0 4.9 4.2 3.9 5.0 9.5 7.7 7.7 7.7 5.9
Total	. 118.7	115.2	111.9	22,541	21,982	21,181	4.35	4.80	5.8
Pall: Calif Colo Conn Idaho:	. 18.5 36.3 1.9	17.0 36.5 1.9	17.3 37.5 1.9	6,475 9,257 494	5,950 9,490 466	6,085 9,750 418	4.55 2.55 5.80	5.45 2.80 5.40	5.3 2.5 5.9
10 S.W. counties Other counties Ind Maine Mass Mich Minn Mont Nebr Nev N.H. 2 N.Y.:	328.0 6.0 112.0 3.5 34.0 67.0 8.4	30.0 330.0 4.7 118.0 3.7 32.0 72.0 8.4 6.0 14.0	32.0 333.0 3.9 119.0 3.6 34.0 71.0 8.7 7.0 17.0	11,375 77,080 1,530 27,440 770 8,330 11,055 1,806 1,274 5,320 104	9,000 79,200 1,128 28,320 888 8,800 12,960 2,016 1,440 4,760 71	10,400 86,580 936 26,180 810 8,670 14,910 2,088 1,680 5,440	3.90 4.95 5.80 4.20 3.25 4.50 3.95 2.35 6.50	4.75 3.36 5.40 4.13 2.74 4.75 3.65 2.90 6.10	324 3.3 3.3 5.5 4.6 4.6 4.6 3.6
Long Island Upstate N. Dak Ohio	24.9 121.0	22.8 20.6 135.0 11.2	23.3 25.0 128.0 10.3	7,409 6,101 16,940 2,933	7,182 5,356 21,600 2,744	6,175 6,500 22,400 2,215	4.10 5.75 3.45 4.40	3.36 4.83 2.70 4.25	3.8 4.5 2.7 4.8
Oreg: Malheur County Other counties Pa R.I S. Dak Utah Vt Wash Wis Wyo	28.0 4.2 4.4 5.2 1.1 124.0 53.0	10.0 50.0 25.5 4.1 5.9 5.9 1.0 110.0 55.5 6.7	10.8 56.8 25.0 4.1 7.0 4.6 .8 109.0 55.0 6.8	4,070 24,843 7,140 1,050 286 1,248 226 55,800 15,370 1,701	3,550 22,000 6,375 943 1,062 1,416 235 50,600 18,038 1,474	3,780 24,708 6,250 902 1,190 1,127 168 50,685 17,325 1,360	2.75 2.70 5.00 3.90 3.20 3.10 6.20 2.50 3.95 3.45	3.10 2.85 4.70 3.90 3.05 3.04 5.80 2.80 3.95 3.65	2.6 3.4 4.1 3.0 3.0 6.6 2.1 4.3
Total	1,143.0	1,138.7	1,152.4	307,427	307,064	318,702	3.33	3.20	3.

See footnotes on page 185.

Table 260.—Fall potatoes: Production and total stocks held by growers and local dealers, 25 States, 1966-78

			Total stocks ²						
Crop year	Production	Dec. 1		llowing year					
		1111	Jan. 1	Feb. 1	Mar. 1	Apr. 1			
1966 1967 1968 1969 1970 1971 1972 1973 1974 1976 1976	1,000 cwt. 228,442 243,849 234,832 252,561 267,827 249,320 254,379 289,342 278,391 307,427 307,044	1,000 cwt. 153,550 161,500 162,810 162,800 175,145 176,390 158,565 157,837 187,935 201,980 206,690 218,4985	1,000 cwt. 128,050 139,170 130,350 138,140 150,030 151,435 134,420 133,665 163,085 159,140 174,775 178,205	1,000 cwt. 103,630 112,640 104,996 111,510 122,230 124,378 107,310 106,615 133,425 143,925 149,690	1,000 cwt. 79,632 86,465 81,940 96,780 96,780 81,165 104,116 104,050 114,140 120,970	1,000 cwt. 58,25 55,87 75,90 71,64 81,87 89,21			

Nevada production included beginning with the 1974 crop; Nevada stocks not included to avoid disclosures.

See table 261 for States included.

Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 261.—Fall potatoes: Total stocks held by growers and local dealers, 24 States, crop of 1977 and 1978 1

		C	rop of 197	77			Ci	op of 197	81	
State	Dec. 1, 1977	Jan. 1, 1978	Feb. 1, 1978	Mar. 1, 1978	Apr. 1, 1978	Dec. 1, 1978	Jan. 1, 1979	Feb. 1, 1979	Mar. 1, 1979	Apr. 1, 1979
	1,000	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1,000	1.000
	cwt.									
Calif	4,000	3,200	2,400	1,700	1,200	4,100	3,400	2,470	1,880	1,410
Colo	6,750	5,650	4,450	3,400	2,300	6,700	5,550	4,150	3,050	1,800
Conn	265	175	100	(3)	(3)	300	(3)	(*)	(1)	(3)
Idaho	68,000	61,000	53,500	46,500	37,500	75,000	67,500	59,500	50,000	41,000
Ind	250	150	95	75	60	225	185	130	55	(9)
Maine	22,900	20,200	17,400	14,400	10,500	19,900	17,500	14,900	12,300	9,000
Mass	355	265	160	108	(1)	440	380	235	145	(3)
Mich	5,500	4,400	3,600	2,400	1,500	5,800	4,800	3,800	3,000	2,100
Minn	10,100	8,600	7,400	5,700	3,600	12,000	10,700	9,400	7,600	4,800
Mont	1,850	1,820	1,800	1,770	1,400	1,900	1,870	1,830	1,750	1,100
Nebr	1,050	830	680	550	280	1,250	1,100	950	750	500
N.H.4 N.Y.:	55	50	30	(3)	(8)	*****				*****
Long Island	3,200	2,200	1.400	800	300	3,000	2.250	1,200	600	200
Upstate	3,000	2,200	1,700	1.200	650	3,300	2,400	1,800	1,200	700
N.Dak	16,000	13,800	11,200	8,800	6,100	17,000	14,700	12,200	9,900	6,100
Ohio	1,150	800	550	330	150	950	700	470	260	120
Oreg	15,700	14,100	12,500	10,800	8,400	17,700	15,400	12,500	9,900	7,700
Pa	4,650	3,500	2,550	1,600	1,000	4,550	3,450	2,900	2,150	1,450
R.I	210	(8)	(6)	(3)	(8)	(8)	(9)	(9)	(8)	(3)
S. Dak	900	705	375	305	155	870	650	350	180	150
Utah	980	720	450	285	140	780	660	520	280	150
Vt	165	130	100	(2)	(3)	120	(3)	(3)	(3)	(3)
Wash	28,400	24,700	20,800	15,900	11,300	32,000	28,800	24,000	19,300	14,500
Wis	10,200	8,300	6,000	4,000	2,500	10,000	7,700	5,500	4,000	2,300
Wyo	1,060	710	450	220	80	800	540	250	190	71
Other States				130	100		245	86	34	100
24 State Total	206,690	178,205	149,690	120,970	89,215	218,685	190,480	159,141	128,524	95,26

100003001000077555720 - 88 = 300500

.80 .90 .70

2.65 3.40 1.70 1.25 3.08 3.67 5.40 2.85 4.40 3.95

3.14 3.56

Nevada not included to avoid disclosure.
Preliminary.
Stocks included in "Other States" total.
Estimates discontinued after 1977 crop.
Rhode Island stocks included in Connecticut.

Table 262.—Potatoes: Area, yield, and production in specified countries, 1976-781

		Area		Yiel	d per hec	tare	1	roduction	1
Continent and country	1976	1977	19782	1976	1977	19782	1976	1977	19783
North America: Canada Mexico	1,000 hectares 106 56	1,000 hectares 112 52	1,000 hectares 111 58	Metric tons 22.1 12.3	Metric tons 22.2 12.6	Metric tons 22.0 14.4	1,000 metric tons 2,340 687	1,000 metric tons 2,488 653	1,000 metric tons 2,44 83
United States	556	550	554	29.2	29.2	29.5	16,210	16,083	16,34
Total	718	714	723	26.8	26.9	27.1	19,237	19,224	19,62
Europe: Belgium-Luxembourg Denmark France* Germany, Fed. Rep. of Ireland Italy Netherlands United Kingdom	47 35 279 415 47 173 161 221	50 38 298 400 53 185 170 232	47 37 277 356 43 173 162 212	18.7 16.5 15.6 23.6 25.1 17.0 29.7 21.7	33.4 25.1 26.5 28.4 26.4 17.0 33.8 28.5	34.1 24.3 27.0 29.5 25.6 16.1 38.5 34.2	879 576 4,362 9,808 1,178 2,937 4,783 4,800	1,672 954 7,901 11,368 1,400 3,146 5,752 6,622	1,60 90 7,47 10,51 1,10 2,79 6,23 7,25
Total EC	1,378	1,426	1,307	21.3	27.2	29.0	29,323	38,815	37,85
Austria Cyprus Finland Greece Norway Portugal Spain Sweden Switzerland	73 8 53 57 28 116 373 46 24	80 9 46 60 28 125 379 44 23	57 7 44 62 25 108 361 46 23	23.9 21.0 17.9 16.4 18.6 7.9 15.1 23.0 36.4	22.5 23.4 16.0 15.3 23.2 9.6 14.7 29.1 34.8	24.6 23.7 17.0 15.1 26.0 10.0 14.7 30.8 43.0	1,746 168 948 933 521 918 5,633 1,058 874	1,352 211 736 920 651 1,201 5,555 1,279 800	1,40 16 74 93 65 1,08 5,31 1,41
Total Western Europe	778	774	733	16.5	16.4	17.3	12,799	12,705	12,69
Bulgaria Caechoslovakia German Dem. Rep Hungary Poland Romania Yugoalavia	29 240 599 90 2,466 248 308	34 237 587 99 2,437 275 315	34 210 560 100 2,360 251 290	12.1 17.6 11.4 12.1 20.3 19.3 9.2	11.3 16.0 17.6 13.5 16.9 15.3 9.6	11.5 17.4 18.0 16.4 19.0 15.9 8.3	351 4,214 6,816 1,087 49,961 4,788 2,828	383 3,785 10,313 1,335 41,148 4,207 3,034	39 3,65 10,10 1,64 44,87 4,00 2,40
Total Eastern Europe	3,980	3,984	3,806	17.6	16.1	17.6	70,035	64,205	67,08
Total Europe	6,136	6,184	5,845	18.3	18.7	20.1	112,157	115,725	117,60
Soviet Union	7,087	7,067	7,042	12.0	11.8	12.2	85,102	83,652	85,90
South America: Argentina Bolivia Bolivia Brazzi Chile Colombia Ecuador Peru Uruguay Venezuela	110 128 189 68 121 50 270 26 14	111 126 197 86 130 45 250 23 16	115 130 199 91 142 45 255 19	13.9 6.4 9.6 7.7 11.6 12.6 6.5 6.4 9.6	15.9 5.4 9.6 10.8 12.4 12.0 6.4 5.2 12.2	13.9 6.1 9.7 10.8 14.1 12.1 6.5 5.4 13.6	1,528 824 1,816 521 1,400 630 1,780 166 135	1,769 678 1,891 928 1,609 542 1,600 120 195	1,59 75 1,93 96 2,00 54 1,65
Total	976	984	1,011	9.0	9.5	9.7	8,770	9,332	9,79
North Africa: Algeria Egypt Morocco	57 54 20	70 64 28	70 59 28	7.0 16.5 11.7	7.1 15.8 16.0	7.1 16.1 13.8	400 893 234	500 1,010 449	80 96 38
Total	131	162	157	11.7	12.1	11.7	1,527	1,959	1,83
Asia: India	622 34 138	664 7 131	675 6 125	11.7 5.1 27.1	12.3 31.6 26.9	13.3 35.0 26.4	7,306 175 3,742	8,153 221 3,520	9,00 21 3,30
Total	794	802	806	14.1	14.8	15.5	11,223	11,894	12,51
Oceania: Australia	34	34	34	20.5	21.4	21.6	696	728	73
Grand total	15,876	15,947	15,618	15.0	15.2	15.9	238,712	242,514	248.01

See footnotes on page 185.

Table 263.—Potatoes: Production, seed used, and disposition, United States, 1969-77

4			Used on farms w	where produced	
Year	Production	Total used for seed	For seed, feed, and household use	Shrinkage and loss	Sold
1969 1970 1971 1972 1973 1974 1974 1975 1976	1,000 cwt. 312,578 325,716 319,329 296,359 300,013 342,395 322,254 357,674 354,576	2,000 cwt. 24,492 24,555 32,290 23,556 25,257 23,855 25,643 25,548	1,000 cwt. 9,959 9,957 8,927 7,913 6,516 6,522 6,612 6,797 6,744	1,000 cwt. 22,657 23,850 27,909 19,996 18,376 32,496 22,181 26,212 31,018	1,000 cwt. 279,96 291,90 282,49 288,45 275,12: 303,37 293,46 324,66 316,81

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 264.—Potatoes: Utilization, United States, crop years 1971-77

Item	1971	1972	1973	1974	1975	1976	19771
The second secon	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Table stock	120,251	111,717	107,550	cwt. 125,624	Cwt. 114,358	cwt. 123,204	cwt. 116,180
Chips and shoestring Dehydration Frozen french fries Other frozen products Canned potatoes Other canned products (hash, stews, soups) Starch and flour	35,376 27,021 54,667 8,884 2,556 2,014 7,792	34,578 27,450 56,126 7,901 2,118 2,183 3,363	34,485 31,407 60,349 9,564 2,664 2,544 2,731	32,777 34,660 69,206 9,218 2,561 2,052 3,683	34,107 33,821 70,641 9,334 1,946 2,075 2,182	34,503 40,354 79,654 12,872 1,914 2,557 2,813	36,933 32,783 79,470 14,597 3,101 3,136 2,355
Total	138,310	133,719	143,744	154,157	154,106	174.667	172,378
Other sales: Livestock feed Seed	7,184 16,748	5,025 17,989	3,707 20,120	4,154 19,442	4,300 20,697	6,324 20,470	7,394 20,862
Total	23,932	23,014	23,827	23,596	24,997	26,794	28,254
Total sales	282,493	268,450	275,121	303,377	293,461	324,665	316,814
NON-BALES Seed used on farms where grown	5,542 1,335 2,050 27,909	5,567 1,252 1,094 19,996	5,137 925 454 18,376	4,413 864 1,245 32,496	4,946 829 837 22,181	5,058 797 942 26,212	4,884 781 1,079 31,018
Total non-sales	36,836	27,909	24,892	39,018	28,793	33,009	37,762
Total production	319,329	296,359	300,013	342,395	322.254	357,674	354,576

1 Preliminary

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

POOTNOTES POR TABLE 259

34

12

Preliminary.
 Estimates discontinued after 1977 crop
 Season average price for all areas.

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

POOTMOTES FOR TABLE 262

¹Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following ²Preliminary. ³Excluding home gardens.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 265. — Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1977

		1_12	Used on farms v	where produced	
Season and State	Production	Total used for seed	For seed, feed, and household use	Shrinkage and loss	Sold
Winter: Calif Fla	1,000 cwt. 1,058 1,602	1,000 cwt. 51 278	1,000 cwt.	1,000 cwt. 53 10	1,000 cwt. 1,005 1,592
Total	. 2,660	329	********	63	2,597
Spring: Ala Ariz Calif Fla.:	1,260 1,755 11,858	165 90 493	1 1	19 35 237	1,240 1,716 11,620
Hastings Other La Miss N.C	. 4,290 . 315 . 173 . 117 . 2,211 . 891	410 38 21 13 177 80	1 1 6 25 61 27	17 2 9 2 66 13	4,272 312 158 90 2,084 851
Total	. 22,870	1,487	127	400	22,343
Summer: Ala Calif Colo Del III Ind Iowa Md Mich Minn Nebr NJ N. Mex N.C Ohio Tenn Tex Va W. Va	750 3,024 1,802 1,113 460 368 473 2,40 1,443 2,063 315 2,147 551 500 342 4,05 4,05 4,05 4,05 4,05 4,05 4,05 4,05	108 146 127 81 30 36 25 21 164 114 24 153 59 46 30 48 356 25 22 22	15 15 12 3 12 9 20 6 78 7 15 8 7 15 8 7 14 113 109	30 60 135 45 12 15 24 4 6 144 45 27 33 18 15 15 83	706 2,949 1,855 1,065 436 344 429 228 1,221 2,011 2,11 398 31 2,242 3,229 3,229
Total	21,982	1,738	561	907	20,514
Fall: Calif Colo Conn Idaho Ind Maine Mass Mich Minn Mont Nebr Nev N.H N.Y.	5,950 9,490 466 88,200 1,128 28,320 8,880 12,960 2,016 1,440 4,760	346 760 422 7,215 88 2,760 65 . 651 1,059 158 110 340	60 496 5 1,473 1,306 12 229 324 164 143	595 759 16 7,700 87 3,908 74 1,188 1,205 181 200 571 3	5,295 8,235 445 79,027 1,032 23,106 802 7,383 11,431 1,671 1,974 4,189 64
Long Island Upstate N. Dak	7,182 5,356 21,600 2,744	482 598 1,885 200	217 648 9	503 803 2,916 466	6,668 4,336 18,036 2,269
Oreg.: Malheur County Other counties Pa R.I S.Dak Utah Vt Wash Wis Wyo	3,550 22,000 6,373 1,062 1,416 235 50,600 18,038 1,474	191 1,141 500 71 83 94 14 2,153 1,032	4 55 191 5 15 24 9 298 297 48	202 1,672 606 108 80 160 21 3,500 1,623 501	3,344 20,273 5,578 830 967 1,232 205 46,802 16,118
Total	. 307,064	22,192	6,056	29,648	271,360
U.S	. 354,576	25,746	6,744	31,018	316,814

¹ Preliminary.

Table 266.—Potatoes, white: United States exports by country of destination and imports by country of origin, 1975-77

Item and country	Year b	eginning	October	1-1-1-1	Year b	eginning (October
item and country	1975	1976	1977	Item and country	1975	1976	1977
EXPORTS	Metric tons	Metric tons	Metric tons	exposes — continued	Metric tons	Metric tons	Metric tons
Europe:	10015			Bermuda and Caribbean -			
Belgium and Luxembourg .	27,496	26,459		continued			
Cyprus	924	20/400		Leeward and Windward			
France	2,323	141.921	****	Islands Windward			
France	19,316	4.019	97		199	457	326
Italy	11.413	10,569		Netherlands Antilles	741	1,984	556
Maita-Gozo	11,413		****	Trinidad and Tobago	5,562	5,033	48
Netherlands	33,965	600		Other countries		3	
Norway		27,064	****				
Portuge	7,841	****	****	Total	11,777	14,755	3,877
Portugal	39,122	4,696				-	
Sweden	45,387	1,444	156	Other countries:			
United Kingdom	749	401		Algeria		22,124	17,267
Other countries		79	7	Australia	52		41,201
The second second				Canada	242,463	109 994	122,748
Total	188,536	217,252	260	Egypt	240,900	3,207	122,790
				French Pacific Islands	66	112	*****
Latin America:				Guinea	98	101	42
Chile	21.800			Hong Kong	801	589	
Mexico	10,687	11.018	11.590	Long rong		1	156
Nicaragua	91	91	11,000	Japan	1		22
Panama	1.626	151	88	Other Pacific Islands	98		
Surinam	280	306	5	Saudi Arabia	166	76	52
Uruguay	-		D	Singapore	293	571	29
Other countries	37	2,458	*****	Tunisia		1,070	
Other countries	37	28	24	Other countries	303	505	381
Total	34,521	14,052	11,707	Total	244,341	221,689	140,721
Bermuda and Caribbean:							
Bahamas	2.394			Grand total	479,175	467,748	156,565
Bachadas		2,364	2,091		410,210	4011140	100,000
Barbados	1,237	1,546	110	IMPORTS			
	439	647	392	Certified seed:			
Cayman Islands	103	226	183	Canada	18,675	11.682	90.000
Dominican Republic	611	1,498		Other potatoes:	10,675	11,682	30,238
French West Indies	374	977	88	Canada			
Jamaica	117	20	83	Canada	9,867	24.941	41.038

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

262311794 86669 4380725285-00-14

Table 267.—Potatoes: Foreign trade, United States, 1964-77

Year beginning July	Imports for con- sumption	Domestic exports	Year beginning July	Imports for con- sumption	Domestic exports	Year beginning July	Imports for con- sumption	Domestic exports
1964	1,000 cwt. 3,482 1,129 2,743 1,283 2,636	2,855 2,247	1969 1970 1971 1972 1973	1,000 cwt. 1,846 1,230 1,098 759 1,874	1,000 cwt. 2,971 2,928 3,241 4,430 4,975	1974	1,000 cwt. 1,453 691 806 714	1,000 cwt. 4,545 9,317 11,617 3,630

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 268.—Spinach, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-1978

Utilization, season.		Area		1	Production		v	alue per u	nát
and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
FOR FRESH MARKET 2 Winter: Calif	Acres 650 1,800	Acres 800 2,200	Acres 800 2,700	1,000 cwt. 107 119	1,000 cwt. 132 128	1,000 cwt. 116 189	Dollars per cwt. 13.00 21.10	Dollars per cwt. 14.20 21.70	Dollars per cwt. 21.00 16.80
Total	2,450	3,000	3,500	226	260	305	17.30	17.90	18.40
Spring: Calif Md. and Va N.J	650 1,720 590	700 1,880 560	800 1,730 540	94 61 41	112 73 41	120 61 39	11.70 17.20 15.40	10.90 20.00 17.70	24.10 27.90 41.10
Total	2,960	3,140	3,070	196	226	220	14.20	15.10	28.20
Summer: Calif	400 860	800 860	650 850	58 69	87 60	101 63	17.60 22.60	15.90 22.60	17.70 28.80
Total	1,260	1,460	1,500	127	147	164	20.30	18.60	22.00
Fall: Calif N.J Tex	450 340 1,500	700 420 1,200	900 410 1,100	68 27 41	105 27 47	135 35 39	19.20 24.60 24.20	12.80 30.20 16.80	14.40 19.90 22.00
Total	2,290	2,320	2,410	136	179	209	21.80	16.50	16.70
U.S	8,960	9,920	10,480	685	812	898	17.80	16.90	21.10
POR PROCESSING Winter: Calif Other States 3	Acres 9,700 6,300	Acres 9,000 4,000	Acres 8,000 4,900	Tons 95,650 31,900	Tons 91,900 20,450	Tons 71,050 23,500	Dollars per ton 56.90 82.60	Dollars per ton 63.90 78.00	Dollars per ton 75.40 85.00
Total	16,000	13,000	12,900	127,550	112,350	94,550	63.30	66.50	77.80
Spring: ArkOkla Other States 4	1,300 1,700 1,440	2,100 1,800 2,260	1,400 1,700 1,360	6,700 6,950 11,850	9,800 8,100 14,550	8,400 9,200 7,650	80.30 80.00 66.40	80.70 80.00 69.60	80.40 80.30 79.70
Total	4,440	6,160	4,460	25,500	32,450	25,250	73.80	75.60	80.20
Fall: Ark Okla Other States 8	350 300 1,090	240 180 1,030	400 440 1,780	1,650 1,400 5,000	1,100 750 7,060	1,450 1,750 12,050	90.00 90.00 67.60	90.00 90.70 72.80	81.40 80.00 82.30
Total	1,730	1,450	2,620	8,050	8,900	15,250	76.10	76.40	82.00
U.S	22,170	20,610	19,980	161,100	153,700	135,050	65.60	69.00	78.70
Grand total	31,130	30,530	30,460	195,350	194,300	179,950	117.00	125.00	164.00

POOTNOTES FOR TABLE 271

¹ Preliminary.
² Includes small quantities used for processing except in States for which processing estimates are made separately.
³ Florida and Texas.
⁴ 1976—Idaho, Maryland, New York, Oregon, Tennessee, Virginia, Washington, and Wisconsin; 1977—Idaho, Maryland, New York, Tennessee, Virginia, Washington, and Wisconsin; 1978—Maryland, New York, Tennessee, Virginia, Washington, and Wisconsin.
⁵ 1976—77—California, Tennessee, Virginia, and Washington; 1978—California, Maryland, Tennessee, Virginia, and Washington.

¹ Average during the year. ² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 269.—Spinach, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-78

	-77	For	fresh mar	rket 1			F	or processi	ng			
Year	Area	Yield	Pro-	Val	ue ³	Area		Pro-	Value 4			
	for harvest	per acre	duc- tion 2	Per cwt.	Total har-	per	duc- tion ³	Per ton	Total			
964	Acres 18,110 16,950 16,500 15,900 13,350 11,360 11,430 10,080 10,680 9,660 8,990 8,960 9,920	Cwt. 58 58 58 59 55 59 63 70 76 82 86	1,000 cwt. 1,057 989 863 882 786 606 611 633 594 628 607 629 685 812	Dollars 7.42 8.01 9.12 9.81 10.90 11.40 13.60 14.80 14.50 15.00 16.40 17.80	1,000 dollars 7,845 7,917 7,870 8,651 8,217 6,563 6,946 8,611 8,759 9,072 9,076 10,305 12,224 13,746	Acres 25,290 21,400 24,820 25,240 22,990 25,440 26,760 26,960 23,340 22,170 20,610	Tons 5.81 5.82 5.88 5.80 6.08 5.90 6.29 6.13 6.33 6.96 6.82 7.27 7.46	Tons 146,860 124,600 145,870 156,590 153,430 135,750 160,050 164,150 170,450 174,300 159,250 161,100	Dollars 38.30 39.90 41.40 40.50 41.50 42.50 42.60 43.30 44.90 49.90 56.80 64.60 65.60	1,000 dollars 5,63 4,97 6,03 6,33 6,37 5,77 6,43 6,93 7,36 8,500 9,89 10,28 10,56 10,60		

¹Includes small quantities used for processing except in the States for which processing estimates are made.

²Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundred-weight): 600 tons for processing in 1965, 10 in 1974.

³Price and value on f.o.b. basis.

⁴Price and value at processing plant door.

⁵Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 270.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1964-78

Year	Area har- vested	Yield per acre	Produc- tion	Price ¹	Value of produc- tion	Year	Area har- vested	Yield per acre	Produc- tion	Price 1	Value of produc- tion
1964	1,000 acres 151.2 168.1 154.4 139.5 135.2 136.4 127.3 112.6	Cwt. 86 92 89 97 99 103 103 102	1,000 cwt. 12,969 15,469 13,669 13,486 13,378 14,070 13,164 11,494	Dollars 5.09 4.22 4.56 4.48 4.89 4.18 4.38 5.22	1.000 dollars 65,980 65,472 62,554 60,412 65,562 59,346 57,760 60,127	1972 1973 1974 1975 1976 1977	1,000 acres 113.3 111.6 118.1 116.9 117.8 112.4 119.4	Cwt. 107 109 113 113 114 110 116	1,000 cwt. 12,170 12,156 13,339 13,225 13,432 12,395 13,862	Dollars 5.73 7.32 7.34 8.58 7.48 10.50 10.10	1,000 dollars 69,969 89,163 98,228 113,394 100,058 129,592 140,710

¹Obtained by weighting State prices by quantity sold. ²Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 271.—Taro: Area, yield, production, price, and value, Hawaii, 1964-78

Year	Area har- vested ¹	Yield per har- vested acre	Produc- tion	Price per pound	Value of produc- tion	Year	Area har- vested ¹	Yield per har- vested acre	Produc- tion	Price per pound	Value of produc- tion
1964	Acres 470 440 400 400 420 420 470 480	1,000 pounds 19.7 21.5 22.5 20.4 21.8 20.5 18.2 18.4	1,000 pounds 9,275 9,480 8,990 8,155 9,140 8,605 8,555 8,840	Dollars 0.061 .060 .062 .071 .074 .078 .086	1,000 dollars 564 573 561 579 676 671 736 787	1972 1973 1974 1975 1976 1977	Acres 460 460 460 465 460 470 450	1,000 pounds 19.6 18.4 19.2 16.3 16.0 16.7 17.1	1,000 pounds 9,020 8,478 8,835 7,592 7,350 7,870 7,680	Dollars 0.084 .094 .102 112 .121 .127 .134	1,000 dollars 756 796 900 851 886 996 1,025

See footnotes on page 188.

0000

0000 0 000

Table 272.—Sweetpotatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1976-78

State	Ar	ea harveste	ed l	1	Production		Pric	e for crop o	4-
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1.000	1,000	1.000	1,000	1000	1.000		rel	
	acres	acres	acres	cwt.	cwt	cwt.	Dollars	Dollars	Dollars
Ala	5.5	5.3	5.5	495	451	550	11.50	12.90	15.50
Ark	1.5	1.6	1.6	117	122	126	9.60	9.35	10.80
Calif	7.6	7.8	8.5	1,178	1,170	1,360	12.10	16.90	13.00
Ga	5.9	5.5	6.0	708	495	660	10.40	14.10	14.60
La	29.0	27.0	28.0	2,755	2,430	2,660	4.48	7.27	7.20
Md	1.6	1.6	1.4	248	248	224	8.34	10.60	8.50
Miss	9.0	8.0	9.0	810	680	792	10.90	9.20	10.40
N.J	2.3	2.4	2.6	265	252	286	10.90	14.60	14.60
N.C	33.0	33.0	37.0	4,290	4,455	5,180	5.40	9.20	9.00
S.C	2.5	2.3	2.4	215	209	252	11.20	12.10	12.10
	2.9	2.8	2.8	306	280	280	8.65	9.70	9.78
Tex Va	10.5	9.5 5.6	8.5 6.1	1,103	903 700	638 854	10.20	14.80 8.65	15.00
VB	6.5	3.0	6.1	943	700	804	6.40	8.60	9.40
U.S	117.8	112.4	119.4	13,432	12,395	13,862	7.49	10.50	10.10

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 273.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969-77

				Used on farms w	rhere produced	
	Year	Production	Total used for seed	For seed, feed, and household use	Shrinkage and loss	Sold
1969 1970 1971 1972 1973 1974 1975 1976		1,000 cwt. 14,070 13,164 11,494 12,170 12,156 13,339 13,225 13,432 12,395	1,000 cwt. 771 685 680 707 805 808 726 706	1,000 cwt. 1,642 1,520 1,309 1,223 1,323 1,298 1,317 1,327 1,311	1,000 cwt. 821 701 562 546 648 606 662 984 577	1,000 cwt. 11,607 10,94 9,62; 10,40 10,18 11,34 11,24 11,12; 10,50°

Table 274.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1977

The part and it	10000		Used on farms w	where produced	
State	Production	Total used for seed	For seed, feed, and household use	Shrinkage and loss	Sold
Ala	1,000 cwt. 451 122 1170 495 2,430 248 680 232 4,455 209 280 903 700	1,000 cwt. 22 12 13 16 224 8 52 14 239 16 85 50	1,000 cwt. 62 28 42 50 222 10 89 111 581 28 50 83	1,000 cwt. 52 7 59 37 68 10 39 20 169 111 20 45 40	1,000 cwt. 337 1,089 408 2,140 228 552 221 3,706 177 210 7778
U.S	12,395	790	1,311	577	10,507

Table 275.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1964-78

			For	fresh ma	rket		For processing					
	Year	Area	Yield			lue ²	Area	Yield		Va	lue ³	
		for harvest	per acre	Produc- tion ¹	Per cwt.	Total	har- vested	per acre	Produc- tion 1	Per ton	Total	
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976		Acres 155,270 152,180 150,650 148,450 147,100 136,360 145,170 138,990 124,160 124,330 127,820 124,320 129,250	Cwt. 132 134 135 138 136 130 124 131 137 141 168 170 159 172	1,000 cwt. 20,527 20,420 20,326 20,555 19,446 19,249 18,234 17,827 19,925 19,556 20,061 20,945 21,730 19,779 22,187	Dollars 8.85 9.45 9.99 9.51 11.60 11.20 13.90 14.80 16.00 17.30 18.60 19.20 20.70 19.80	1,000 dollars 181,677 192,990 190,840 195,553 224,921 222,983 204,609 247,511 295,582 312,217 347,415 390,353 418,163 408,451 438,735	Acres 273,350 257,520 259,830 327,050 370,550 266,590 245,090 265,020 295,100 337,700 384,250 308,960 346,660 295,560	Tons 16.77 17.13 15.55 15.87 18.89 20.64 21.37 21.90 20.11 20.79 22.13 20.95 22.44	Tons 4,583,310 4,411,340 4,662,270 5,189,550 6,967,600 4,901,650 5,515,550 5,515,550 7,019,850 7,019,850 7,779,150 6,471,750 7,779,150	Dollars 30.70 37.20 35.70 42.20 34.70 34.00 35.50 35.20 42.00 64.50 64.10 64.10	1,000 dollars 140,81 163,93 166,40 222,06 280,42 170,27 171,88 195,73 204,36 249,06 453,07 453,07 448,37 408,38	

¹For fresh market, excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1 in 1964, 56 in 1965, 406 in 1966, 1 in 1967, 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excludes 90,600 tons not marketed in 1965 and 200,000 tons in 1976. In 1968, includes some quantities not delivered because of economic conditions.

²Price and value on f.o.b. basis.

³Price and value at processing plant door.

⁴Preliminary.

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Crop \ Reporting \ Board.}$

Table 276.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78

Utilization, season,		Area		1	Production	1	v	alue per u	nit
and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
FOR FRESH MARKET Winter: Fla	Acres 13,100	Acres 7,300	Acres 12,800	1,000 cwt. 2,817	1,000 cwt. 1,059	1,000 cwt. 2,240	Dollars per cwt. 21.40	Dollars per cwt. 25.70	Dollars per cwt. 18.00
Total	13,100	7,300	12,800	2,817	1,059	2,240	21.40	25.70	18.00
Spring: Ala Ark Calif:	2,500 1,800	2,200 3,400	2,100 2,700	175 180	132 306	126 216	32.40 35.00	26.00 17.50	43.40 32.70
Desert Other Fla La S.C. ² Tex	1,900 1,600 15,500 700 5,800 3,500	2,300 1,900 16,400 670 7,000 2,600	2,000 1,900 16,700 520 6,000 2,700	418 288 3,643 60 638 266	403 285 3,526 70 700 200	470 380 3,925 47 690 135	22.00 32.20 15.20 22.20 17.00	16.10 22.60 19.10 17.40 12.00	27.70 39.90 22.90 28.70 15.60
Total	33,300	36,470	34.620	5,668	5.622	5.989	18.50	21.80	19.50
Summer: Ala Ark Calif:	5,500 1,900	5,000 400	5,000 400	413 257	350 36	300 50	21.60 19.00	29.30 22.90	34.60 21.00
Other Ga Ind Ky. 3	15,500 2,900 1,900 700	14,700 3,100 1,600 450	15,600 2,300 1,900	3,875 218 247 58	4,043 186 216 52	4,368 166 238	18.10 21.20 14.50 17.90	21.60 17.20 15.30 20.10	16.60 20.30 18.00
Md Mass Mich N.J	2,300 620 4,300 6,800	2,300 660 4,100 6,500	2,400 670 3,900 6,600	216 121 409 578	212 125 390 553	204 141 371 528	12.40 21.40 15.50 15.60	13.20 20.40 22.90 22.70	10.40 21.80 18.70 19.60
N.Y N.C Ohio Pa	2,700 2,000 1,200 2,300	3,000 2,000 900 2,300	3,000 2,000 800 2,100	311 290 168 276	279 280 95 299	330 270 112 294	18.70 13.50 15.10 10.60	21.20 17.00 25.00 10.50	20.2 14.6 23.9 20.7
S.C Tenn Tex Va	1,800 2,100 3,100 2,400	1,300 2,600 3,600 2,400	1,200 2,900 3,000 2,500	189 305 164 312	105 312 281 312	118 319 270 350	15.00 13.10 18.00 16.40	14.70 26.60 17.60 14.40	14.70 26.30 17.70 14.10
Total	60,020	56,910	56,270	8,407	8,126	8,429	17.10	20.70	18.2
Fall: Ala	500	300	500	33	21	30	32.80	28.10	15.70
Other	10,400 10,300 0	10,700 12,000 400	11,300 12,800 700	2,080 2,678	2,461 2,400 30	2,430 2,944 56	23.70 22.20	22.70 21.20 25.00	17.94 18.04 16.54
Total	21,200	23,400	25,300	4,791	4,912	5,460	22.90	22.00	17.9
All groups	127,620	124,080	128,990	21,683	19,719	22,118	19.20	20.60	19.80
Hawaii	200	240	260	47	60	69	26.40	30.80	27.60
U.S	127,820	124,320	129,250	21,730	19,779	22,187	19.20	20.70	19.8

See footnotes at end of table.

Table 276.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1976-78—Continued

Utilization, season.		Area			Production		V	due per ur	sit
and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
Calif ² Colo Ind Mich Mich N.J N. Mez Othio Pa Tes Va	Acres 233,800 650 12,700 4,300 9,300 900 22,300 6,200 4,000 3,500 7,310	Acres 276,400 640 12,500 4,000 4,100 8,000 21,200 5,800 2,000 3,600 7,520	Acres 231,900 760 9,500 4,500 7,200 600 19,700 2500 3,900 7,300 7,300	70ns 5,066,450 10,950 234,050 49,000 74,500 176,250 9,000 520,250 126,500 44,850 44,350 115,600	Tons 6,689,550 7,000 173,100 45,950 63,500 121,200 9,900 422,750 114,250 20,400 29,050	Tons 5,299,650 11,600 200,050 43,950 81,200 92,850 4,800 398,350 76,100 21,550 40,000 107,600	Dollars per ton 56.20 58.20 65.50 65.20 65.20 65.00 75.00 61.00 65.10 60.80 59.60	Dollars per ton 63.90 63.70 64.30 65.80 63.00 75.00 62.00 64.60 70.60 61.70	Dollars per ton 63.76 63.00 68.86 66.80 67.36 65.00 75.00 67.86 64.00 68.30 67.46 62.56
U.S	308,960	346,660	-,	6,471,750			58.00	64.10	64.2
Grand total	436,780	470,980	424,810	7,558,250	8,768,100	7,477,050	105.00	103.00	113.00

¹Preliminary.

²Excludes the following quantities not harvested or not marketed because of economic conditions: 44,000 cwt. fresh market in 1977 in South Carolina, and 200,000 tons processing in 1976 in California.

³Estimates discontinued in 1978.

⁴1976—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia; 1977—Delaware, Florida, Illinois, Iowa, Kentucky, Louisiana, New York, North Carolina, Utah, and West Virginia; 1978—Arkansas, Delaware, Florida, Illinois, Iowa, Kentucky, New York, North Carolina, Utah, and West Virginia.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 277. — Tomatoes: Foreign trade, United States, 1964-77

		Imports			Do	mestic expo	rts	
Year beginning July	Fresh	Canned 1	Paste	Fresh	Canned ²	Catsup and sauces	Paste ²	Juice
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
64	261,927	82,886	15,417	105,550	18,602	20,144	13,623	30,67
65	341,124	102,692	38,649	99,550	11,639	17,057	11,524	21,03
66	382,752	111,550	78,975	96,014	10,741	12,721	8,436	19,20
67	363,814	158,009	175,010	89,845	6,609	9,591	6,473	17,28
68	467,129	117,175	128,225	99,530	10,105	10,752	7,946	13,63
69	630,122	111,656	84,120	92,176	17,835	12,546	17,067	11,74
70	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,70
71	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,79
72	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,31
773	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,4
774	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,44
775	629,975	76,531	30,925	199,072	34,293	39,283	24,945	38,06
76	791,134	74,505	73,957	178,395	24,199	14.967	20,937	48.53
977	828,748	75.873	56,538	199,556	26,457	16,563	31.636	37.5

¹ Includes "otherwise prepared," if any.
² Includes exports for military-civilia: feeding abroad.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of

Table 278.—Watermelons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1964-78

	Area	Yield	Dendus	Value ²			Area	Yield	Dundana	Value ²	
Year	for harvest	per	Produc- tion 1	Per cwt.	Total	Year	for harvest	per acre	Produc- tion 1	Per cwt.	Total
1964	Acres 280,400 286,320 275,640 273,260 283,880 272,400 266,200 252,400	Cwt. 98 103 103 102 97 96 103 107	1,000 cwt. 27,575 29,603 28,436 27,790 27,616 25,950 27,373 27,094	Dollars 1.70 1.60 1.87 2.10 1.88 2.05 2.21 2.51	1,000 dollars 46,899 47,316 53,175 58,279 51,838 53,268 60,404 67,892	1972 1973 1974 1975 1976 1977 1978	Acres 267,600 240,400 212,700 210,700 234,200 227,400 218,200	Cwt. 94 109 108 113 111 116 112	25,280 26,170 23,034 23,904 23,910 26,371 24,486	Dollars 2.50 2.95 3.81 4.00 3.25 3.39 3.84	2,000 dollars 63,17; 77,18 87,72 95,71; 84,274 89,414 94,02

¹ Excludes the following quantities not harvested or marketed because of economic conditions (1,000 hundredweight): ¹ Project and value on f.o.b. basis. ³ Preliminary.

Table 279.—Watermelons, commercial crop: Area, production, and value per hundred-weight, by States, 1976-78

Season and State		Area		3	Production		V	alue per u	nit
Season and State	1976	1977	19781	1976	1977	19781	1976	1977	19781
				1,000	1,000	1.000	Dollars	Dollars	Dollars
Spring:	Acres	Acres	Acres	cwt.	cwt.	cwt.	per cwt.	per cwt.	per cwt.
Ala	3,700	3,500	3,500	278	245	224	3.90	3.85	3.80
Ariz	1,300	1,200	1,900	182	180	285	5.40	5.70	8.15
Calif.:	-,	-,	3,000		200		0.20	0.70	0.2
Desert	3.000	3,500	3,700	660	683	796	6.51	5.30	8.51
Fla	55,000	51,000	50,000	9,900	8.925	8,000	2.61	2.97	3.3
Ga	9,700	14,200	7,500	728	1.207	705	2.70	2.80	3.80
Tex	25,000	28,000	24,000	1,750	2,772	1,800	5.62	4.52	5.24
Total	97,700	101,400	90,600	13,498	14,012	11,810	3.26	3.43	4.14
Summer:									
Ala	11,300	11.000	11,500	848	715	690	3.39	3.35	2.90
Ariz	1,900	2,600	1,900	333	416	285	3.70	4.90	5.5
Ark	4.400	3,600	3,600	286	256	360	3.80	3.70	3.5
Calif.:	4,400	0,000	0,000	200	200	300	0.00	0.10	5.0
Desert	800	700	500	160	133	83	5.60	5.20	6.3
Other	6,000	5,900	7.200	1.140	915	1,296	4.13	5.23	5.4
Del	1.900	1,900	1,900	304	285	314	3.48	3.59	1.8
Ga	23,100	14,400	21,000	1.686	1.066	1.995	2.64	2.40	2.5
Ind	5,100	5,000	5,500	689	750	798	4.04	5.00	5.3
Md	2,700	2,700	2,700	446	419	446	3.48	3.59	1.8
Miss	11,400	12,000	12,000	912	804	1.140	2.50	2.12	3.2
Mo	3,700	4,200	4,400	348	525	484	2.20	3.00	3.0
N.C	8,000	7,000	7,400	448	385	422	3.25	3.34	3.1
Okla	8,200	7,000	7,000	820	770	455	2.64	2.60	4.7
S.C	23,000	18,000	16,000	1.242	1.170	1.408	2.53	2.50	2.3
Tex	25,000	30,000	25,000	2,750	3,750	2,500	3.57	3.26	4.00
Total	136,500	126,000	127,600	12,412	12,359	12,676	3.24	3.35	3.5
U.S	234,200	227,400	218,200	25,910	26,371	24,486	3.25	3.39	3.8

¹ Preliminary.

Table 280.—Vegetables and melons: Unloads at 8 markets, by commodities, 1978

		Boston		N	ew York	2	Pi	ailadelph	ia	В	altimore	8
Commodity	Rail, boat, and air	Motor- truck 1	Total	Rail, bost, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total
Vegetables: Beans (snap, lima, and fava) Cabbage Cantaloupe Carrots Cauliflower Celery Cucumbers Lettuce-romaine Mixed vegetables Onions, dry Peas, green Potatoes Watermelons Miscellaneous Total	1,000 cwt. 2 183 301 153 4 4377 48 160 753 7 202 2,190	1,000 cwt. 91 520 243 152 68 517 499 1,581 547 4 1,692 414 2,474	1,000 cwt. 91 522 426 453 68 670 503 1,953 48 707 4 2,445 12,676	1,000 cwt. 9 9 279 609 493 111 135 133 702 85 333 2,355 79 840 5,943	1,000 cwt. 237 691 857 156 63 616 696 2,291 708 27 1,590 647 4,018	1,,000 cwt. 246 970 1,466 649 74 751 709 2,993 85 1,041 27 3,945 726 4,858	1,000 cwt. 7 125 107 20 2 290 38 146 774 6 67	1,000 cwt. 86 476 357 209 55 452 345 1,631 762 3 1,556 389 2,102	1,000 cwt. 86 483 482 316 55 472 347 1,921 38 908 3 2,330 395 2,169	1,000 cwt. 30 30 7 107 9 85 412 6 12	1,000 cwt. 63 355 298 193 56 316 218 1,093 510 2,280 421 1,352 7,155	1,000 cwt. 63 355 328 223 566 3323 218 1,200 9 500 2,692 427 1,364 7,853
		Atlanta	Tri.		Chicago		L	os Angel	es	Sar	n Francis	sco 4
Commodity	Rail, boat, and air	Motor- truck i	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total
Vegetables: Beans (snap, lima, and fava) Cabbage Cantaloups Carrots Cauliflower Celery	1,000 cwt.	1,000 cwt. 105 390 204 112 14 110	1,000 cwt. 105 390 213 117 14 111 119	1,000 cwt. 5 155 65 6 64 880	1,000 cwt. 72 452 422 207 58 298 319 1,286	1,000 cwt. 72 457 577 272 64 362 319 2,166	1,000 cwt.	1,000 cwt. 166 788 1,381 963 177 1,279 585 3,448	I,000 cwt. 166 794 1,389 963 177 1,279 585 3,448	1,000 cwt.	1,000 cwt. 87 287 460 223 63 346 190 1,358	1,000 cwt. 85 285 469 222 6, 344 199 1,350
Cucumbers Lettuce-romaine Mixed vegetables Onions, dry Peas, green Potatoes Watermelons Miscellaneous	12 455 22	824 672 2,287 545 1,344	832 684 2,742 545 1,366	60 134 2,430	1,401 568 1,961	61 650 3,831 568 2,068	7	1,620 18 5,022 1,220 6,562	1,620 18 5,029 1,220 6,624		11 752 11 3,970 346 2,404	1 75 1 3,97 34 2,40

Estimated percentages of completeness for reported truck unloads for 1978 are as follows: Atlanta, 85; Baltimore, 85-90; New York, Philadelphia, and Chicago, 90; Boston, 90-95; Los Angeles and San Francisco, 95.
 Includes Newark.
 Includes Washington.
 Includes Oakland.

10

0690

49107055-6-4

Agricultural Marketing Service.

POOTNOTES FOR TABLE 282

¹Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Bureau of the Census. All data for calendar year, except dry field peas which are on a crop-year basis.

²Less than 0.05 pound.

³Beginning 1968, included in minor vegetables.

⁴Preliminary.

⁵Included less than 0.05 pound of shallots each year from 1964 through 1967. Beginning 1968, included in minor vegetables.

*Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

Tincludes table stock and processed potatoes.

Economics, Statistics, and Cooperatives Services-Economics.

Table 281.—Vegetables, fresh: Total reported domestic rail, truck, and air shipments, 1978°

-	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1.000	1.000
Vegetables:	cwt.	cwt.	cwt.	cwt.	cwt.	CWI.	CWL.	cwt.	cwt.	cwt.	cwt.	CWL	cwt.
Asparagus	5	31	184	210	93	30				1	1		555
Beans	75	50	86 17	180	129	27	42	27	23	51	130	120	940
Beets	7	11	17	17	1				****		7	4	64
Brocceli	193	207	295	168	232	193	163	156	208	254	262	275	2,606
Cabbage	1,320	1,157 904	1,493 1,153	1,580	1,178	263	135	170	118	271	641	1,092	9,418
Carrots Cauliflower	837 135		1,153	1,198	1,076	719	571	503	566	635	616	690	9,468
Celery	1.351	1,120	1,278	73 1,242	130 1,182	115	152 796	130 844	136	1.002	1.461	135	1,654
Corn, sweet	160	96	184	376	1,102	1,538	571	483	186	256	287	1,420	5,914
Cucumbers	66	49	38	310	1,694	635	372	263	130	376	668	332	4.243
Eggplant	41	28	11	25	56	60	30	1	2	45	81	59	439
Escarole-endive	73	64	94	124	87	-	-			4	51	88	585
Greens	188	248	220	103	33				2	17	42	91	944
Lettuce, iceberg	4,214	5.253	5,185	4,043	6,146	5,463	5,065	5,424	4,974	5,082	4,779	4,245	59,873
Lettuce,	-,	-	0,200	4,0 40	0,200	0,000	0,000	0,404	4,014	0,002	4,110	4,240	00,010
romaine	36	31	36	97	53	25	41	31	27	37	46	76	536
Lettuce, other .	18	17	22	48	12	9	16	9	6	11	25	39	232
Mixed	-		-	-			-			**	-	-	-
vegetables	23	39	40	25	24	24	55	38	29	32	27	21	377
Onions, dry	1.537	1.291	1.222	1.514	2,167	1,935	1.900	1,617	1.720	2.015	2.074	1.979	20.971
Onions, green .	65	56	89	95	80	71	62	66	66	91	89	85	915
Peas, green				8									8
Pepper, bell	257	158	155	172	446	282	249	185	273	346	384	311	3.218
Pepper, other	2	1				2	13				2	1	21
Potatoes	10,099	9,967	11,894	12,229	13,310	10,022	8,289	8,792	8,760	9,876	9,805	9,717	122,760
Radish	100	115	139	163	158	28	13	11	12	68	137	139	1,083
Spinach	74	96	94	4		4	9	19	19	17	41	48	425
Squash	63	39	33	148	150	53	11	7	20	81	131	116	852
Sweetpotatoes .	150	186	233	136	95	14	11	117	222	272	584	400	2,420
Tomatoes	1,020	541	393	480	2,082	2,699	1,898	1,473	1,344	1,770	1,657	1,587	16,944
Tomatoes,					-								
cherry	1	****	1	1	2	3							8
Turnipe-	- 00	40	- 00										
rutabagas	30	40	32	16	5	13	11		3	6	11	12	179
Tetal	22,140	21,894	24,742	24,785	31,625	25,288	20,475	20,366	19,646	22,823	24,230	23,195	281,209
Melone:			-						1.50				
Cantaloups	****	****		****	691	3,613	3,105	1,888	1,174	723	156	23	11,373
Honeydews	3	****	****	****	127	478	468	758	688	473	221	40	3,256
						1				1000	1 1	1	
Mixed and													
miscellaneous	1	****		****	2555	. 1	35	83	86	61	52	. 25	344
	1	****	****	****	1,355	8,113	35 6,260	83 1,689	86 140	61 45	52 22	- 25 12	344 17,637
miscellaneous				00000	1,355	8,113 12,205			86 140 2,088			25 12	
miscellaneous Watermelons Total	1		****	****			6,260	1,689		45	22	12	17,637
miscellaneous Watermelons Total Miscellaneous	1		****	****			6,260	1,689		45	22	12	17,637 32,610
miscellaneous Watermelons Total Miscellaneous Artichokes	5			****			6,260	1,689	2,088	1,302	451	12	17,637 32,610
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts	5	1	3	1	2,173	12,206	6,260	1,689		1,302	451	100	17,637 32,610 5 6
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage	5		****	****			6,260	1,689	2,088	1,302	451	12	17,637 32,610
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous	5	1	3	1	2,173	12,206	6,260 9,868	1,689	2,088	1,302 1,302	451	100	32,610 5 6 145
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous herbs	5	1	3	1	2,173	12,206	6,260	1,689	2,088	1,302	451	100	17,637 32,610 5 6
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous herbs Miscellaneous	1 5 1 20	1 22	3 26	1	2,173	12,205	6,260 9,868	1,689	2,088	1,302 1,302	451 	12 100	17,637 32,610 5 6 145
miscellaneous Watermolons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous herbe Miscellaneous Oriental	1 5 1 20	1 22	3 26	1 30	2,173	12,206	6,260 9,868	1,689	2,088	1,302 1,302	451	100	17,637 32,610 5 6 145 1
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels aprouts Chinese cabbage Miscellaneous herbe Miscellaneous Oriental Mushrooms	1 5 1 20 	1 22	3 26	1 30	2,173	12,205	6,260 9,868	1,689	2,088	1,302 2 1 1	22 451 1 7	12 100	32,610 32,610 5 6 145 1 200 5
miscellaneous Watermolons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous herbs Miscellaneous Oriental Mushrooms Okra	1 5 1 20 	1 22	3 26 2 1	30	2,173 21 4 1 19	12,205 3 2	6,260 9,868	1,689	2,088	1,302 1,302 1 1 1 1	22 451 1 7 8	12 100 1 15 1 15	32,610 32,610 5 6 145 1 200 5
miscellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous herbe Miscellaneous Oriental Mushrooms Okra Paraley	1 5 1 20 	1 22	3 26	1 30	2,173 21 4 1 19 7	12,205	6,260 9,868	1,689	2,088	45 1,302 2 1 1 1 5 1	22 451 1 7 8 18	12 100 11 15 	32,610 32,610 5 6 145 1 20 5 94 121
miacellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous herbs Miscellaneous Oriestal Mushrooms Okra Paraley Peas, other	1 5 1 20 	1 22	3 26 2 1	30	2,173 21 4 1 19	12,205 3 2	6,260 9,868	1,689	2,088	45 1,302 2 1 1 1 2 5 1 2	22 451 1 7 8	12 100 1 15 1 15	32,610 32,610 5 6 145 1 20 5 94 121 121 23
miacellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous Oriental Mushrooms Okra Paraley Pens, other Pumpkins	1 5 1 20 	1 22 1 1 1 9 16	3 26 22 1 9 23	30 1 1 1 6 18	2,173 21 4 1 19 7	12,205 3 2 19	9,868	1,689	2,088	45 1,302 2 1 1 1 1 2 112	22 451 1 7 1 8 18 18 12	12 100 1 1 15 1 6 29 8	17,637 32,610 5 6 145 1 20 5 94 121 23 113
miacellaneous Watermelons Total Miacellaneous Artichokes Artichokes Brussels sprouts Brussels sprouts Horizontal Miscellaneous Oriental Mushrooms Okra Mushrooms Okra Parsley Pess, other Pens, other	1 5 1 20 3 1 6 8 8 	1 22 1 1 9 16 61	3 26 2 1 9 23 	1 30 1 1 1 6 18	2,173 21 4 1 19 7 1	12,205 3 2 19 1	9,868 9,868 1 9	1,689	2,088 1 2	1,302 1,302 1 1 1 1 2 112 5	22 451 1 7 1 8 18 12 25	12 100 11 15 1 1 6 29 8	17,637 32,610 5 6 6 145 1 20 5 94 121 123 113 428
miacellaneous Watermelons Total Miscellaneous Artichokes Brussels sprouts Chinese cabbage Miscellaneous Oriental Mushrooms Okra Paraley Pens, other Pumpkins	1 5 1 20 	1 22 1 1 1 9 16	3 26 22 1 9 23	30 1 1 1 6 18	2,173 21 4 1 19 7	12,205 3 2 19	9,868	1,689	2,088	45 1,302 2 1 1 1 1 2 112	22 451 1 7 1 8 18 18 12	12 100 1 1 15 1 6 29 8	17,637 32,610 5 6 145 1 20 5 94 121 23 113

¹ Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963–1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 275.
³ Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail and air carriers, inspection service and shipping points.

 $\textbf{Table 282.} \textbf{--Vegetables (fresh), melons, potatoes, sweet potatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1964–78 <math display="inline">^{\rm 1}$

					Leaf	y, green,	and yello	w vegetal	oles			
Year	Toma- toes	Arti- chokes	Aspara- gus	Lima beans (un- shelled)	Snap beans	Broc- coli	Brus- sels sprouts	Cab- bage	Car- rots	Kale	Lettuce and escarole	Green peas (un- shelled)
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	Lb. 12.2 12.0 12.4 11.9 11.3 11.4 12.2 12.6 12.0 12.1 12.7 12.5	Lb. 0.3 .3 .3 .4 .3 .3 .3 .3 .4 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	Lb. 0.5 6 4 4 5 5 4 4 4 4 3 3 3	Lb. 0.3 3 3 3 3 (4)	2.1 2.0 1.9 2.0 1.9 1.8 1.7 1.6 1.6 1.5 1.6 1.5	Lb. 0.3 3 3 4 4 5 7. 7. 8 8 1.0 1.1 1.3	1.1 (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Lb. 9.5 8.9 9.1 9.3 8.9 8.8 9.0 9.1 9.2 8.8 8.5 8.9	£4. 6.9 7.0 6.4 6.5 6.0 8.9 6.1 6.6 6.7 7.0 6.5 6.7 5.8	2b. 0.1 1.1 1.1 (n)	Lb. 21.0 21.7 21.6 22.1 22.5 23.1 23.2 23.3 23.9 24.4 24.5 24.3 25.9	28. 22. 1. (4)
	Le	afy, grees egetables	n, and yell Continue	low sd				Other ve	egetables			
Year	Peppers	Spinach	Minor	Total	Beets	Cauli- flower	Celery	Corn	Cucum- bers	Egg- plant	Garlic	Onions and shallots
1964	Lh. 2.3 2.3 2.4 2.6 2.8 2.6 2.4 2.5 3.0 3.1 3.3 3.4 3.5	Lb. 0.6 6.6 6.6 6.5 5.5 5.5 4.5 5.5 6.7 7.5	Lb. 4.9 4.6 4.0 3.6 5.5 4.4 4.7 4.6 4.2 4.4 4.3 3.7 3.8 3.0	49.2 49.0 47.4 48.2 51.3 47.8 48.4 49.5 50.2 51.4 50.9 50.3 51.8	Lb. 0.5 .5 .4 .4 (3)	2b. 1.0 1.0 1.0 1.0 1.0 29 77 .7 .7 .7 .8 .8 .8 .9 1.0 1.1	Lb. 6.8 6.7 6.9 6.8 7.2 7.3 7.1 7.6 7.4 7.0 7.5 7.2 6.7	7.8 8.1 7.4 8.0 7.8 8.0 7.9 7.5 7.9 8.0 7.7 7.9 8.0 7.7 7.9	1b. 3.0 3.1 3.0 3.1 2.9 3.2 3.2 3.1 3.3 3.0 3.4 4.2	Lb. 0.4 4 4 4 4 4 4 5 5 5 5 7 7 6 6	Lb. 0.4 3 4 5 5 5 5 5 3 4 5 5 7 7 8 5 6 8	11.4 11.4 11.1 12. 11.9 12. 11.9 10. 9. 9. 10. 10. 10.
	Other v	egetables tinued	Total		Melons		Total vege- tables	Pota-	Sweet-	Dry	Dry- field	Dehy-
Year	Minor	Total	vege- tables	Water- melons	Canta- loups	Total melons	and melons	toes?	pota- toes	beans	peas	drated onions
1964	Lb. 5.9 5.7 5.2 5.4 6.3 6.4 6.3 6.1 5.7 5.6 5.4 5.1 4.7 3.9	Lb. 37.2 37.3 36.1 37.6 38.0 39.2 38.1 35.6 35.4 36.6 35.8 35.5 35.5 35.5 35.5 35.5 35.5 35.5	98.3 95.9 98.2 98.9 98.8 98.8 96.0 97.3 98.2 100.0 99.0 100.4 98.7	Lb. 14.8 15.7 14.8 14.2 14.4 13.8 14.4 11.3 13.8 11.9 12.2 13.5 13.5 13.5	Lb. 8.2 7.3 8.1 8.6 9.1 8.9 8.5 8.7 8.0 7.0 7.0 7.7 7.7	23.0 23.6 22.1 22.3 23.0 22.9 23.3 22.6 21.9 21.9 20.5 21.2 21.9	Lb. 121.6 121.9 118.0 120.5 124.2 121.8 122.1 118.6 120.0 118.9 119.9 119.9	Lb. 111 107 117 108 115 117 118 119 119 117 114 122 116	Lb. 5.5 6.2 6.3 5.8 5.7 5.7 5.6 4.9 5.1 5.1 5.5 5.8	La. 7.6 6.3 6.9 6.4 6.9 5.9 6.3 6.7 6.5 6.2 6.1	.4 .4 .2 .3 .3 .3 .3 .3 .5 .4 .4 .4	2.5 2.0 2.4 2.8 3.0 2.3 2.7

See footnotes on page 195.

Table 283.—Vegetables, canned: United States pack of selected items, 1964-78

Season	Asparagus	Beans, lima	Beans,	Beets	Carrota	Sweet	Peas, green	Pickles 1	Pimientos
1964	1,000 CBARC 2 8,217 7,206 6,638 6,928 6,928 6,917 5,678 5,840 5,794 5,643 3,561 3,600 3,706 3,382	1,000 caase ² 2,213 2,983 3,533 3,935 3,536 2,776 3,156 2,116 3,156 2,522 3,722 2,813 2,813 2,813 2,813 2,813 2,813 2,813	45,627 40,536 53,173 51,842 47,339 47,572 50,011 55,002 3 62,319 9 55,390 47,424 47,434	1,000 (10,311 10,069 11,584 12,409 14,323 11,638 10,241 9,448 11,324 14,819 13,394 9,164 11,348 11,348 11,348 11,348 11,348	1,000 4,611 4,753 5,838 7,342 4,726 5,490 5,710 5,093 6,160 7,193 5,035 5,327 5,973 6,609	1,000 cases ² 37,551 39,116 45,258 49,258 59,278 46,995 53,757 52,957 46,431 57,458 54,694 56,900 57,907	1,000 cases* 30,045 37,585 31,585 37,692 36,231 32,071 33,197 33,061 29,558 33,120 35,172 30,238 25,269	1,000 cases 1 47,688 48,073 60,234 67,127 63,220 57,904 65,946 63,072 63,969 67,086 66,854 78,516 69,871 76,776	1,000 cases ² 686 827 678 761 845 876 627 737 680 266 396 611 705
Sesson		ampkin and quash	Sauer- kraut 1	Spinach	Tomatoes	Toma	to p	omato alp and puree	Total of these items
1964 1965 1966 1966 1967 1967 1969 1970 1971 1972 1973 1974 1975 1976 1977 1977		1,000 23,799 3,854 4,553 4,551 5,244 3,973 4,581 4,064 4,632 4,214 5,806 5,500 2,962 4,641	1,000 came ² 8,794 12,901 9,696 14,764 12,520 12,015 14,369 12,687 11,834 15,196 12,946 12,531 12,677 11,740	1,000 7,641 6,954 7,409 6,577 7,270 7,675 8,217 10,834 10,834 10,834 7,108 6,214	1,000 came ³ 36,431 36,018 32,662 39,127 48,422 32,036 39,017 38,367 43,301 45,431 45,431 45,431 45,431 44,614 54,124 49,241	40, 38, 42, 40, 33, 36, 31, 33, 36, 32, 27,		1,000 5,929 6,484 7,349 8,775 13,837 7,014 5,947 7,844 9,895 10,282 13,807 8,377 9,284 8,425	1,000 Caner ³ 284,342 301,938 307,796 355,858 368,700 311,568 322,262 334,948 327,788 346,222 359,762 379,567 334,122 349,535 357,438

¹Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 83 cases for 1954, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 65.9 cases for 1964, 54.0 cases for 1964, 54.0 cases for 1964, 54.0 cases for 1964, 54.0 cases for 1964. The control of the co

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Pool Processors Association.

POOTHOTES FOR TABLE 287

POOTNOTES POS TABLE 289

³ Data for asparagus, lima beans, sauerkraut, and spinach are either estimates or interpolations.
³ Actual cases.
³ Canners' stocks of sauerkraut converted to cases by using a factor of 18 cases of 24/303's per barrel (of 45 gallons).

Economics, Statistics, and Cooperatives Service—Economics. Compiled mainly from reports of the National Food Processors Association.

³ Preliminary.
³ Included with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economics, Statistics, and Cooperatives Service - Economics.

Table 284.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1964-781

	3	Leaf	y, green,	and yello	w vegs	tables			7	omato prod	acta
Year	Asparagus	Lims Beans	Snap	Carrots	Per	18 1	mpkin and puash	Spinac	Whole tomator		Paste and sauce
1964	Lb. 0.7 8 .7 .7 .7 .7 .7 .8 .6 .7 .5 .6 .4 .4	20.4 22 4 3 4 4 4 4 4 3 3 3 3 3 3 3 4 4 4 3 3 4 4 4 3	Lb. 4.8 5.1 5.1 5.5 5.7 5.8 5.9 5.9 5.9 5.9 5.9	Lb. 0.6 .7 .7 .8 .6 .6 .8 .8 .6 .6 .5 .5		4.1 4.1 4.2 4.1 4.2 4.1 3.9 3.8 3.8 4.3 3.5 3.4 3.6 3.6 3.6 3.9	Lb. 0.6 5.5 5.5 5.5 5.5 6.6 6.6 6.6 5.4 4		8 4.8 6 4.8 7 4.6 8 4.9 8 4.9 7 4.1 9 5.1 9 5.1 6 5.2 6 5.2 6 5.3 6 5.3	8.0 4.8 4.7 3 1 1 1 1 1 1 1 1 1	3.9 3.9 4.2 5.0 0.1 0.1 9.9 0.2 0.3 3.5 3.5 3.5 2.8
	Tomato	products		O	Other vegetables				7		
Year	Pulp and puree	Tomato and vegetable juices	Beet	• a	orn	Pickle		auer-	Sweet- potatoes	Other 4	Total
1964	2b. 0.8 8 1.0 1.0 1.0 1.0 1.0 1.1 1.1 1.1 1.2 1.1 1.9 1.0 1.0	Lb. 4.5 4.7 4.4 4.2 4.0 4.1 4.1 3.9 3.7 3.3 3.6 2.8 3.1 3.0		1.4 1.4 1.4 1.4 1.5 1.5 1.5 1.5 1.3 1.3 1.3 1.3 1.3	5.6 5.5 5.2 5.4 5.8 6.1 5.9 6.2 6.5 6.4 6.0 5.1 5.7 6.3 6.0	Lb. 6. 6. 6. 6. 7. 7. 7. 7. 7. 7. 7. 7. 8. 8. 8. 8. 8. 8.	2 6 3 7 7 4 6 6 8 8 9 8	1.2 1.4 1.4 1.6 1.4 1.5 1.6 1.4 1.5 1.4 1.5 1.4 1.5 1.4 1.5 1.4 1.5 1.4 1.5 1.4 1.5 1.4 1.4 1.5 1.4 1.4 1.5 1.6 1.4 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	1.0 1.3 1.2 1.1 1.3 1.5 1.2 1.2 1.1 1.3 1.5 9 9	Lb. 1.5 2.1 2.1 2.3 2.1 2.8 2.7 4.1 4.5 4.7 4.0 3.4 3.2 2.6	47.2 48.7 49.0 50.6 52.3 53.7 52.9 54.3 55.1 55.1 55.1 56.2 54.3

¹ Excludes soups and baby food.

² Beginning 1968, classified as "other concentrated products."

³ Preliminary.

⁴ Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.

Economics, Statistics, and Cooperatives Service - Economics.

POOTNOTES FOR TABLE 290

See table 281 for items included. Excludes melons.
 Includes dehydrated onions.
 See tables 283 and 288 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.
 4 Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

	and a	Diet	1101	70.0	1910	1914	1970	ISTE	1311	1310
	1,000	1,000	1,000	7,000	1,000	7,000	7,000	7,000	7,000	1,000
	spunod	spunod	spunod	spunod	bounds	spunod	bonnes	bounds	ponnel	bound
Tichokes	08088	96 098	90.060	99 874	1,584	1,596	2236	22.262	1,660	800
ana butter	7.847	14.674	11.741	11,390	10947	19,190	8,019	0.431	7017	19,42
ans, green, regular cut	117,800	119,099	127,675	151.064	178.331	160,666	144,309	114.346	142 239	161.09
ans, green, French cut	61,963	75,817	74,741	83,965	80,459	70,202	29,000	59.974	82,633	96.11
ana, green, wax	5,415	6,176	7,147	6,065	9,462	7,374	6,830	2,000	909'9	7.47
ane, green, Italian	7,618	6,983	10,015	11,300	13,547	13,121	5,987	11,594	15,907	16,66
and, whole	00,013	70,010	3,185	200,000	280'6	9006	4,876	4,933	5,376	7.0
ans, day into	60,000	40,989	40,690	82,038 K9 000	80,112 61 677	97,163	80,070	43,804	82,154 48,904	81,14
pocoli	163.784	185.157	189.600	934 344	213.145	945 945	191 638	901,513	914 30K	976 KI
pasels sprouts	40.083	42,663	49.195	55.845	56.836	53.729	64.422	44 845	FR 649	71.16
Trota	150,945	173.064	143.681	165.879	231.688	248.081	165,869	181 277	263.760	238.41
liflower	69,744	59,782	62,689	94,070	86086	93.754	76,056	67.807	96.670	127.61
ery	3,415	7,210	5,335	11,136	13,421	680'6	7,077	10,286	9,642	17.60
lards	18,408	19,818	24,571	21,760	30,885	30,366	14,126	17.022	19,269	17.90
n, cut	289,268	216,097	226,835	273,776	294,223	298,224	288,067	282,391	266,183	307,00
n-on-cob	73,914	989,08	106,893	133,064	166,830	162,330	183,381	187,582	260,773	303,16
abrones 2	201'6	0,460	1100	200	4,420	620'0	170,6	4,097	6,515	0,40
stard greens	10.351	15.597	13.011	12.643	14.593	11.539	10.238	10.396	13.867	10.59
	38,250	44,168	32.234	27.924	40.597	42.992	27.970	27.489	41.551	46.29
guo	37,881	52,205	75,882	110,672	114,679	111,228	121,101	148,963	152,718	154,06
a, blackeye	20,647	30,084	33,027	38,004	41,974	30,881	21,745	31,368	36,064	36,96
6, Creen	367,323	344,520	348,418	340,075	387,749	416,682	400,587	340,386	333,964	357,71
ato products	9049.409	0 404 990	9 6 6 6 5 1 1 9	0 609 646	9 401 079	10,351	100,8	9 996 961	9 600 000	20000
nokin and cooked annah	26,091	27 241	98.470	90.708	99,047	39 641	90,000	99 177	98 168	98.08
barb	7,599	7.960	11.033	12.177	12.855	7.102	5.966	8.231	8.636	4.85
nach	107,182	145,694	186,991	160,060	159,501	177,892	129,366	160.247	167.766	147.38
ach, summer	17,318	18,963	26,882	28,494	26,343	31,330	27,906	36,377	41,598	43,82
etpotatoes and yams	12,854	10,913	7,391	6.973	7,504	5.828	11,378	12,038	11,001	15,48
min greens with breaking	19,019	20,000	20000	19,300	10,030	021,11	0000	14,407	17,100	Total
cellaneous vegetables	15,357	15,146	23,310	16,629	9,374	10,728	11,882	8,942	886	11,850
layo	3,915,231	4,316,731	4.574.361	4.874.561	8,158,396	5.473.141	5.212.966	5.491.035	6245.809	6.560.733

Table 286.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1978

Commodity	East and South 1	Midwest ²	West ³	Northwest ⁴	California	. Total
	1,000	1,000	1,000	1,000	1,000	1,000
Artichokes	pounds	pounds	pounds	pounds	pounds	pounds
	*******	*******	*******	******	363	363
Asparagus	*8,171	*******	*******	******	7,256	15,427
Beans, butter	*12,609	*******	***22122	******	******	12,609
Beans, green, regular cut	62,742	20,920	77,423	******	******	161,088
Beans, green, French cut	37,333	6,667	51,117	******	******	95,117
Beans, wax	77,478	*******	*******	******	******	7,478
Beans, green, Italian	******	*16,667	*******	******	******	16,66
Beans, whole	1,647	1,585	3,811	******		7,043
Beans, baby lima	*14,306	*******	66,839	******		81,14
Beans, lima Fordhook	*38,110	*******				38,110
Broccoli	*11,431				265,088	276,519
Brussels sprouts	771,161				*******	71.16
Carrots	8 35,980			90,950	111,485	238.41
Cauliflower	30,742				96,771	127.51
Celery	17.507					17.50
Collards	17.901					17.90
Corn, cut	21.857	60.437	220.861			303.15
Corn-on-cob	33,642	87,996	185,441	Verran .		307.07
Kale	5.403					5.40
Mustard greens	10,595					10,59
Okra	46,295					46.29
Onions			154.080			154.09
Peas, blackeye	36,981		202000			36.98
Peas, green	29,911	44.144		266,385	17.277	357.71
Peppers, green and red	711,993	40,144	******	200,000	11,011	11.99
Potato products	93,848,810		*******			3.848.81
Pumpkin and cooked squash	7 25.058		*******	******	******	25.05
Rhubarb	896	*******	3,960	******	******	4.85
Spinach	12,714	*******	134,675	******	******	147.38
Squash, summer	43.826	*******	104,015	******	******	43.82
		*******	*******	******	******	
Sweetpotatoes and yams	15,483 13,735	*******	*******	******	******	15,48
		*******	*******	******	******	13,73
Turnip greens with turnips	23,511	*******	*******	******	******	23,51
Miscellaneous vegetables	10 11,859	*******	*******	*******	******	11,85
Mushrooms	8,848	*******	*******		******	8,84
Total	4.568.535	238.416	898,207	357,335	498,240	6.560.73

¹Alabama, Arkanaas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetta, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming. Idaho, Oregon, and Washington. East, South, and Midwest. East, South, and West. East, South, Midwest, and West. East, Midwest, and West. Satt, Midwest, Midwest, Satt, Midwest, Midw

Economics, Statistics, and Cooperatives Service - Economics. Data from American Frozen Food Institute.

Table 287.—Vegetables, canned: Canners' and distributors' stocks, beginning of season,
United States, 1976-78

0 10	Season begin-	Ci	nners' stocks	•	Dist	tributors' stoc	ks !
Commodity	ning—	1976	1977	1978	1976	1977	1978
Asparagus Beans, lima Beans, snap Beets Carrots Corn Peas, green Pumpkin and squash Squerkraut Spinach Tomatoes	March August July July July July July July August March July duy	1,000 cases s 1,168 902 12,045 5,640 2,301 9,825 8,153 704 3,212 3,675 8,961 5,322	1,000 cases ² 312 610 5,477 3,122 1,589 9,578 7,903 1,790 2,439 6,917 7,096	1,000 cases ² 668 294 4,976 2,546 1,887 8,100 4,701 1,208 2,449 1,983 12,157 4,714	1,000 cases ² 473 402 3,770 1,157 596 4,042 2,925 465 579 619 3,166 1,813	1,000 cases s 306 3,009 1,023 593 4,009 2,896 365 562 591 3,478 1,766	1,000 cases 2 413 3,271 977 577 4,16 2,78- 244 53, 600 3,400 1,671
Total of these items .	July	61,908	50,223	45,683	20,007	18,898	18,66

See footnotes on page 198.

Table 288.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1977 and 1978

Month	To green		Tot		Tot		Tot sweet	
	1977	1978	1977	1978	1977	1978	1977	1978
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
January	pounds 102,128	pounds 112,566	pounds	pounds 92,342	pounds	pounds	pounds	pounds
Pebruary	69,236	90,811	33,622 24,405	85,315	99,427 71,231	143,775 125,793	347,317 253,961	376,463 326,372
March	56,427	72,225	35,000	98,249	67,580	122,116	242,875	283,127
April	45,953	55,843	52,682	94,279	58,833	116,519	207,295	239,357
May	35,326 32,968	43,489 41,170	84,151 109,294	101,406 105,119	52,005 48,755	110,317 96,920	159,696 129,663	194,014 157,081
uly	83,922	79,305	113,923	102,900	48,662	90,632	125,750	124,441
August	165.582	184,506	100,167	101,104	47.527	82,273	236,529	248,049
September	175,298	211,490	91,692	94,576	56,498	77,976	443,100	488,253
October	169,939 150,135	197,418 183,075	94,123 101.621	94,552 103,865	101,219	124,312 159,704	510,148 465,297	587,484 524,004
December	129,739	165,256	109,324	94,499	155,234	163,687	423,126	481,909
Month	To lima l		Caulif	Nower	Spin	ach	Brussels	sprouts
Month	1977	1978	1977	1978	1977	1978	1977	1978
	1,000	1,000	1,000	1.000	1.000	1,000	1.000	1.000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
January	67,223 59,208	83,863 75,795	38,001 27,188	46,097 40,390	37,231 24,524	39,715	30,537	39,239
March	51,617	67,038	19,650	38,425	49,292	30,016 54,517	23,535 19,908	34,411 29,867
April	44.844	59,985	14,547	30.881	109,073	86,554	14.602	28,030
May	38,300	47,935	11,113	24,279 20,714	113,954	99,241	11,589	19,586
June	31,190 26,939	43,161 35,236	10,039 13,238	20,714	116,526	88,190	8,819	16,060
August	33,557	48,297	20,609	39,411	107,692 93,948	79,437	6,910 5,399	12,13 10.60
September	68,330	91,317	23,099	52,105	83,846	60,962	13,521	14,58
October	104,333	117,419	27,802	73,433	79,539	53,971	22,473	27,05
November	104,700 95,120	114,453 104,013	46,718 51,748	85,686 86,253	71,855 58,542	46,967 39,554	34,462 37,573	42,213 49,600
Month		tal ons	Green	peas		frozen ables	Total pota	
aunus	1977	1978	1977	1978	1977	1978	1977	1978
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
January	27,793	27,671	196,506	183,725	1,244,610	1,471,485	777,153	862,556
February	23,859 21,193	26,896 26,493	133,980 118,120	152,129 126,064	942,076 892,917	1,282,175	809,133 870,835	901,23 923,710
April	18,516	26,493	106,508	107,202	878,620	1,180,697	893,288	944,40
May	18,451	28,825	101,884	91,628	837,405	1,007,441	903,037	971,610
June	21,401	29,036	161,658	160,158	897,093	1,027,739	886,544	954,814
July	24,713 24,151	26,921 26,476	272,416 351,974	309,065 353,001	1,077,912	1,192,099 1,493,502	720,487 576,356	772,600
September	22,580	23,475	319,408	335,520	1,801,874	1,493,502	611,014	627,15° 644,890
October	25,634	23,840	289,781	290,428	1,755,503	1,939,725	726,695	738,428
November	27,105	24,525	253,533	250,389	1,736,105	1,922,764	804,963	769,80
December	26,880	24,426	225,768	228,002	1,645,470	1.800,533	829,769	. 777,47

Table 289.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1964-78

	-		Leafy	, green, and	d yellow ve	getables		
Year	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern
964 965 966 966 966 966 966 966 966 966 966	0.17 .15 .16 .17 .16 .17 .18 .14 .12 .10 .11 .10 .09 .09	Lb. 0.84 .91 1.06 .90 1.00 .97 1.05 1.04 1.07 .88 1.14 1.00 1.03	Lb. 0.72 0.72 .69 .70 .73 .74 .63 .71 .64 .69 .69 .63 .55 .50	2.0 0.42 0.42 51 .55 .66 .73 .72 .76 .74 .81 .99 1.00 .89 .92 .92	Lb. 1.81 1.98 2.05 1.88 2.08 1.78 1.81 1.76 1.74 1.71 1.63 1.52	Lb. 0.66 688 711 777 779 844 833 990 1.06 1.04 95 1.04 1.15 1.40	LA 0.22 22 22 23 23 22 22 22 23 24 25 24 28	0.34 .33 .35 .31
Year	Leafy, green, and yellow vegetables - Continued		Other vegetables			Total		
	Spinach	Other ²	Cauli- flower	Corn, cut basis	Onions	vegetables excluding potatoes	Potato products	Grand total
64 65 65 65 65 65 65 65 65 65 65 65 65 65	2.6.2 .6.2 .6.2 .6.8 .70 .70 .70 .8.8 .73 .73 .72 .67 .78 .65 .71 .78	Lh 0.98 .99 1.21 1.20 1.27 1.19 1.24 1.36 1.26 1.54 1.12 .89 1.07 .89 2.90	0.20 20 25 25 26 30 30 35 35 37 41 35 39 41	Lb. 0.97 1.13 1.26 1.60 1.59 1.44 1.61 1.47 1.46 1.53 1.53 1.56 1.77 1.86	0.16 .18 .25 .34 .51 .53 .49 .59 .66 .69	7.61 8.08 8.83 9.06 9.66 9.10 9.65 9.72 9.97 10.67 10.20 9.65 10.28 10.39	1.A. 5.86 5.72 6.93 7.56 8.50 9.84 11.10 12.12 12.25 13.27 13.21 14.76 15.98 17.57	Lb. 13.47 13.80 15.76 16.64 18.16 18.94 20.75 21.84 22.22 23.96 23.41 25.54 26.37 28.44

See footnotes on page 198.

Table 290. — Commercially produced vegetables: Civilian per capita consumption,

United States, 1964-78

		Fr	esh equival	ent		P	ercentage o	f annual to	tal
Year	Total fresh and	Fresh 1 2		Processed ³				Processed	
	processed		Total	Canned	Frozen	Fresh	Total	Canned	Frozen
964 965 966 967 968 969 970 771 772 773 774 775 776 777 777	Pounds 198.4 201.0 201.5 209.4 214.9 213.1 213.4 212.3 216.0 224.1 224.6 223.6 226.2 226.7 223.7	Pounds 98.5 98.3 95.9 98.2 101.2 98.9 98.8 98.5 100.6 102.8 102.0 102.7 101.4 103.1	Pounds 99.9 102.7 105.6 111.2 113.7 114.2 114.6 113.8 116.7 123.5 121.8 121.6 123.5 125.3	Pounds 83.7 85.3 86.7 91.3 92.7 94.9 94.0 93.6 101.6 100.9 101.8 103.0 104.2 98.8	Pounds 16.2 17.4 18.9 19.9 21.0 19.3 20.6 20.2 20.4 21.9 20.9 19.8 20.5 21.1	Percent 49.6 48.9 47.6 46.9 47.1 46.4 46.0 44.9 45.8 45.6 45.4 46.7 46.1	Precent 50.4 51.1 52.4 53.1 52.9 53.6 53.7 53.6 54.0 55.1 54.2 54.4 54.6 56.3 53.9	Percent 42.2 43.4 43.6 43.6 44.1 44.5 44.9 45.5 46.0 44.9	Precent 8. 8. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.

See footnotes on page 199.

CHAPTER V

STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale. the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major

tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

Table 291.—Fruits and planted nuts: Bearing area, United States, 1964-78

Year	Citrus fruits 1	Major decid- uous fruits ²	Minor fruits ³	Planted nuts 4	Fruits and planted nuts	Year	Citrus fruits 1	Major decid- uous fruits ²	Minor fruits ³	Planted nuts 4	Fruits and planted nuts
1964 1965 1966 1967 1968 1969 1970	1,000 acres 781.4 830.3 881.1 951.7 1,001.5 1,065.2 1,122.6 1,180.8	1,000 acres 1,666.6 1,645.7 1,624.4 1,606.1 1,509.3 1,560.0 1,540.4	1,000 acres 90.2 86.4 84.3 83.5 81.9 81.3 81.4 82.7	259.9 274.6 280.3 287.3 298.3 315.3 339.4 360.8		1972 1973 1974 1975 1976 1977 1978	1,000 acres 1,184.0 1,174.5 1,177.8 1,181.3 1,178.6 1,162.8 1,137.0	1,000 acres 1,521.6 1,527.9 1,562.3 1,700.5 1,645.5 1,662.4 1,686.3	1,000 acres 84.9 87.5 90.8 94.8 100.7 107.8 115.8	1,000 acres 379.0 393.6 416.0 435.8 448.8 473.2 501.8	1,000 acres 3,139.5 3,183.5 3,246.9 3,412.4 3,373.6 3,406.2 3,440.9

¹Oranges, tangerines, temples, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.
²Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.
³Nectarines, figs, olives, avocados, dates, persimmons, and pomegranates.
⁴Wainuts, almonds, and filberts. Pistachios beginning 1977.

⁶ Preliminary.

Table 292. - Fruits: Production in tons, United States, 1964-781

Year	Apples, commer- cial crop ²	Peaches	Pears	Grapes	Cherries	Prunes and plums (fresh basis)	Apricota	Figs (fresh basis)	Olives
1964 1985 1986 1987 1988 1989 1970 1971 1972 1973 1974 1975 1976 1977 1978 1977 1978 1977 1978 1978 1978	1,000 fons 3,160 3,070 2,881 2,718 2,735 3,410 3,199 3,187 2,939 3,133 3,237 3,237 3,237 3,336 3,817	1,000 tons 1,726 1,737 1,695 1,344 1,818 1,842 1,498 1,441 1,186 1,295 1,419 1,510 1,492 1,351	1,000 fons 728 500 748 464 624 727 549 612 730 742 749 841 787	1,000 forms 3,478 4,351 3,734 3,069 3,549 3,598 3,103 3,994 2,579 4,198 4,199 4,366 4,398 4,298 4,567	1,000 forms 393 265 206 200 229 286 246 252 246 279 301 246 253 246	1,000 tons 647 606 492 584 534 496 787 582 359 783 659 656 666 666 6727 643	1,000 tons 220 226 194 148 149 229 175 186 128 158 94 183 154 164 175 185 185 185 185 185 185 185 18	1,000 tons 67 61 68 42 59 59 50 46 36 42 45 38 32 42 30	1,000 tons 54 50 63 14 86 70 52 55 24 70 59 67 80 43 126
Year	Avocados	Nectar- ines	Cran- berries	Bananas	Bush- berries	Dates	Papayas	Per- simmons	Pome- granates
1964 1965 1966 1967 1968 1969 1967 1971 1971 1972 1973 1974 1975 1975 1976 1977 1977 1978 1978 1978 1978 1978 1978	1,000 tons 37 61 80 52 74 46 86 45 89 74 127 87 141 118 152	1,000 tons 75 67 68 55 64 66 67 70 87 117 111 128 155 148	1,000 tons 66 71 79 70 73 91 102 113 104 105 112 104 120 105	1,000 tons 5 4 4 4 3 3 3 3 3 4 4 3 3 3 3 3 2 2	1,000 tons 37 42 49 44 38 43 40 35 31 22 23 33 32 29 29 65	1,000 tons 24 21 21 21 23 17 18 20 16 23 23 25 22 25 25	1,000 tons 12 10 9 11 12 10 12 10 13 16 19 20 25 32 32	1,000 tons 2 2 2 1 1 2 2 2 2 1 1 3 3 2 2 2 2 2 2 1 4 1	1,000 tons 4 3 3 3 3 7 8 8 9 7 7 6 8 8 9 9 10 10
Year	Oranges	Tanger- ines	Grape- fruit	Lemons	Limes	Tangelos	Temples	Straw- berries, com- mercial crop	Total
1964	1,000 tons 3,752 4,988 5,808 7,924 5,436 7,898 8,023 8,023 8,205 8,237 9,737 9,386 10,241 10,493 10,546 9,527	1,000 tons 182 200 193 227 163 197 189 234 220 223 210 228 236 249 234	1,000 fons 1,377 1,667 1,894 2,286 1,781 2,207 2,186 2,473 2,627 2,627 2,632 2,504 2,850 3,032 2,999	1,000 tors 724 540 599 681 641 600 574 625 634 844 676 1,118 670 988 992	1,000 tons 18 22 17 17 29 28 29 35 44 44 42 44 43 40 18	1,000 tons 41 45 54 76 76 81 113 122 162 140 167 212 248 216 221	1,000 tons 153 171 202 225 202 234 4225 239 230 239 239 248 171 221	1,000 tons 274 216 232 237 263 243 248 260 230 240 268 272 286 325 324	1,000 tens 17,256 18,996 19,395 20,516 18,689 22,758 21,593 23,005 20,861 25,128 24,951 26,795 27,171 26,726

¹For some crops in certain years, production includes some quantities unharvested on account of economic abandonment.

²Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

³Preliminary.

⁴Estimates discontinued after 1977 crop.

⁵Prior to 1970, growers' marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop. crop.

Table 293.—Apples, commercial crop: 1 Production and season average price per pound, by States, 1976-78

States	To	tal producti	ion	Util	ized produc	tion	Pric	e ³ for crop	of-
States	1976	1977	19782	1976	1977	19782	1976	1977	19782
	Million	Million	Million	Million	Million	Million	1000		
	pounds	pounds	pounds	pounds	pounds	pounds	Cents	Cents	Cents
Ark	11.0	24.0	13.0	11.0	23.5	13.0	11.1	8.8	10.9
Calif	480.0	480.0	500.0	480.0	480.0	500.0	6.3	7.8	9.1
	74.0	75.0	45.0	74.0	75.0	41.0	8.6	9.3	10.5
	33.0	46.0	50.0	33.0	43.0	50.0			
Conn	13.0	13.5		13.0	13.5		13.9	13.5	13.6
Del			14.5			14.5	9.5	10.4	9.1
Ga	22.0	22.0	22.0	21.0	20.0	22.0	9.2	9.2	11.0
Idaho	125.0	85.0	130.0	125.0	85.0	130.0	12.3	14.9	14.7
M	86.0	108.0	89.0	86.0	105.0	89.0	10.2	9.9	12.6
Ind	25.0	52.0	64.0	25.0	50.3	59.8	12.4	10.6	13.4
lowa	6.0	10.7	8.9	6.0	10.5	8.9	10.6	12.5	13.8
Kans	11.4	16.0	10.0	11.4	16.0	10.0	7.9	8.8	11.1
Ку	14.0	22.0	15.0	13.7	19.8	14.2	10.8	10.7	12.6
Maine	75.0	92.0	75.0	75.0	88.0	75.0	12.5	11.9	13.5
Md	63.0	70.0	85.0	63.0	70.0	83.7	9.8	12.2	10.4
Mass	95.0	95.0	105.0	95.0	92.0	105.0	14.6	12.8	13.6
Mich	480.0	570.0	920.0	480.0	570.0	890.0	8.8	7.9	7.4
Minn	23.5	19.9	28.0	23.5	19.9	28.0	11.8	16.4	15.1
Mo	50.0	58.0	40.0	50.0	58.0	40.0	15.3	12.0	15.5
	57.0	58.0	60.0	57.0	57.5	60.0	13.1	12.6	13.4
40.0	90.0	130.0	90.0	90.0	130.0	90.0	9.1	9.6	
22.24	24.0	25.0	17.0	21.0	25.0	17.0			11.3
							11.7	11.5	9.7
	820.0	900.0	1,080.0	820.0	900.0	1,080.0	7.9	8.6	8.1
N.C	265.0	270.0	324.0	265.0	264.0	322.0	9.1	8.7	7.5
Ohio	105.0	65.0	140.0	105.0	65.0	135.4	14.4	15.5	14.5
Oreg	170.0	147.0	142.0	170.0	147.0	142.0	7.2	9.2	11.1
Pa	360.0	460.0	400.0	359.0	480.0	400.0	8.3	9.1	8.5
R.I	5.3	5.5	6.0	5.3	5.0	6.0	12.8	13.1	14.1
S.C	23.0	25.0	22.0	23.0	25.0	22.0	10.4	8.8	11.3
Tenn	8.0	10.0	8.0	8.0	10.0	7.7	10.9	10.6	14.5
Utah	40.0	47.0	35.0	40.0	47.0	35.0	9.3	10.6	11.0
Vt	47.0	47.0	49.0	47.0	44.0	49.0	12.0	12.5	12.
Va	212.0	290.0	485.0	212.0	290.0	485.0	7.6	84	7.1
Wash	2.308.0	2.083.0	2,170.0	2,308.0	2.083.0	2,170.0	9.2	13.0	12.
W. Va	200.0	195.0	325.0	200.0	195.0	325.0	8.3	9.8	8.
	52.0	56.0	66.0	52.0	56.0	61.0			12.
Wis	32.0	36.0	00.0	52.0	36.0	61.0	11.8	12.5	12.
U.S	6473.2	6,672.6	7,633.4	6,467.9	6,643.0	7,581.2	9.1	10.5	10.3

See footnotes on page 215.

Table 294.—Apples, commercial crop: Total production by varieties, United States, 1972-78

Variety	1972	1973	1974	1975	1976	1977	19781
Cortland Delicious Golden Delicious Gravenstein Jonathan McIntoesh Northern Spy R.I. Greening Rome Beauty Stayman Winesap Yellow Newtown York Imperial Other varieties	Million pounds 125.7 1,729.4 921.9 107.2 361.7 638.5 114.9 121.9 458.0 221.3 162.4 153.4 273.9 468.6	Million pounds 127.1 2,178.3 977.6 84.2 381.6 499.2 82.5 68.5 513.3 237.3 168.1 162.5 341.7 443.1	Million pounds 146.6 2,126.9 1,079.1 84.0 361.0 728.9 93.2 117.0 494.2 246.9 166.7 138.0 267.2 530.0	Million pounds 147.5 2,631.8 1,115.2 90.0 434.7 699.0 102.7 150.6 608.3 277.9 193.4 139.0 341.6 598.3	Million pounds 124.5 2457.5 1167.9 91.0 304.2 543.3 80.0 95.0 480.9 170.8 157.5 154.0 193.3 453.3	Million pounds 143.9 2292.2 1195.8 90.0 356.7 687.2 104.8 121.0 463.7 198.8 148.4 152.0 260.3 457.8	Million pounds 159.1 2685.5 1245.7 65.0 404.4 765.0 173.6 568.7 227.4 161.5 165.0 353.9 568.8
Total	5,878.8	6,265.0	6,579.7	7,530.0	6,473.2	6,672.6	7,633.4

¹ Preliminary.

Table 295.—Apples: Production and value, United States, 1964-78

		pples, com	mercial crop	1	Year	Apples, commercial crop 1				
Year	Total produc- tion	Utilized produc- tion	Sesson average price 3	Value		Total produc- tion	Utilized produc- tion	Season average price 2	Value	
1964	Million pounds 6,319.4 6,140.2 5,761.4 5,436.0 5,469.0 6,819.6 6,397.7 6,373.2	Million pounds 6,240.3 6,001.0 5,650.2 5,405.5 5,446.4 6,709.4 6,258.4 6,082.7	Cents per pound 3.86 4.32 4.47 5.57 6.11 4.06 4.54 4.92	1,000 dollars 241,067 259,063 252,579 300,856 332,663 272,345 283,869 209,154	1972 1973 1974 1975 1976 1977 19783	Million pounds 5,878.8 6,265.0 6,579.7 7,530.0 6,473.2 6,672.6 7,633.4	Million pounds 5,867.5 6,251.5 6,529.8 7,102.6 6,467.9 6,643.0 7,581.2	Cents per pound 6.43 8.80 8.40 6.5 9.1 10.5 10.3	1,000 dollers 377,471 548,96 551,60 460,89 586,57 698,89 779,36	

¹ In orchards of 100 or more bearing-age trees.

² Fresh fruit prices are equivalent returns at packinghouse door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.

² Freliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 296.—Apples, fresh (dessert and cooking): Production in specified countries, 1976-781

				••			
Continent and country	1976	1977	19782	Continent and country	1976	1977	19782
North America: Canada ⁵ Mexico	1,000 metric tons 409 329	1,000 metric tons 411 276	1,000 metric tons 454 342	Europe — Continued Yugoelavia	1,000 metric tons 486	1,000 metric tons 381	1,000 metric tons 340
United States 3	2,939	3,029	3,426	Total	2,158	1,658	1,891
Total	3,677	3,716	4,222	Total Europe	8,521	6,663	8,203
Europe: Belgium and Luxembourg Denmark ³ France ⁴	241 71 1,710	120 90 1,242	266 82 1,640	Asia: Japan	879 1,000	959 900	904 900
Germany, Fed. Rep. of Italy	1,487 2,143	1,176	1,782 1,770	Total	1,879	1,859	1,804
Netherlands	380 331 6,363	315 234 5,005	430 342 6,312	Southern Hemisphere: Argentina Australia Chile	576 275 135	820 302 146	810 245 155
Austria 4	226 255	200 222	203 174	New Zealand	172 381	146 289	183 365
Norway	56	43	59	Total	1,539	1,703	1,758
Spain Sweden ³ Switzerland ³ ⁴	1,008 35 92	672 38 102	951 34 130	Total specified countries	15,616	13,941	15,987
	_						

¹ May include some cider varieties in countries not reporting separately.
³ Preliminary.
³ Commercial crop.
⁴ Excludes cider apples reported separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 297. - Apples, commercial crop: Production and utilization, United States. 1964-78

Million Mill				Utilizat	ion of quantitie	es sold			
Million Million Dounds Million Dounds Dounds	produc-	produc-		Processed (fresh basis)					
			Fresh 1	Canned	Dried	Frozen	Other ²		
1964 6,319,4 6,240,3 3,568,9 1,310.8 135.9 198.9 1965 6,140,2 6,001.0 3,382.6 1,308.6 184.2 218.2 1966 3,761.4 5,650.2 3,229.5 1,043.5 224.4 199.8 1967 5,436.0 5,405.5 3,178.3 1,106.8 189.6 228.1 1968 5,469.0 5,446.4 3,193.3 1,175.2 173.7 222.3 1969 6,819.6 6,709.4 3,700.7 1,399.7 282.7 246.7 1971 6,373.2 6,082.7 3,483.9 1,093.5 96.2 190.5 1972 5,878.8 5,867.5 3,342.0 976.9 148.6 225.3 1973 6,266.0 6,251.5 3,534.4 1,255.4 247.7 239.2 1974 6,579.7 6,529.8 3,690.5 1,225.6 197.2 181.7 1975 7,530.0 7,102.6 4,357.0 1,026.7 229.5 206.6							Million		
1965 6,140,2 6,001,0 3,382,6 1,308,6 184.2 218.2 1966 5,761,4 5,650,2 3,229,5 1,043,5 254,4 199,8 1967 5,436,0 5,465,5 3,178,3 1,108,8 189,6 258,1 1968 5,669,0 5,446,4 3,193,3 1,175,2 172,7 228,3 1970 6,818,6 6,709,4 3,700,7 1,399,7 282,7 246,7 1971 6,373,2 6,082,7 3,483,9 1,093,5 96,2 190,5 1972 5,878,8 5,867,5 3,342,0 976,9 148,6 235,3 1973 6,266,0 6,51,5 3,591,4 1,255,4 247,7 259,2 1974 6,679,7 6,529,8 3,690,5 1,225,6 197,2 181,7 1975 7,530,0 7,102,6 4,357,0 1,026,7 229,5 206,6							pounds		
1966							1,025.		
1967 5.436.0 5.405.5 3.178.3 1,106.8 199.6 258.1 1968 5.469.0 5.446.4 3.193.3 1,175.2 173.7 228.3 1969 6.819.6 6.709.4 3,700.7 1,399.7 282.7 246.7 1970 6,97.7 6,258.4 3,531.5 1,158.5 199.8 203.0 1971 6,373.2 6,082.7 3,483.9 1,093.5 36.2 190.8 1972 5,878.8 5,867.5 3,342.0 976.9 148.6 235.3 1973 6,266.0 6,251.5 3,599.4 1,255.4 247.7 239.2 1974 6,579.7 6,529.8 3,690.5 1,225.6 197.2 181.7 1975 7,530.0 7,102.6 4,357.0 1,026.7 229.5 206.6							923.0		
1968 5,469.0 5,446.4 3,193.3 1,175.2 173.7 228.3 1969 6,819.6 6,709.4 3,700.7 1,399.7 282.7 246.7 1970 6,397.7 6,258.4 3,531.5 1,158.5 189.8 203.0 1971 6,373.2 6,082.7 3,483.9 1,093.5 96.2 190.5 1972 5,878.8 5,667.5 3,342.0 976.9 148.6 235.3 1973 6,265.0 6,251.5 3,539.4 1,255.4 247.7 259.2 1974 6,579.7 6,529.8 3,690.5 1,225.6 197.2 181.7 1975 7,530.0 7,102.6 4,357.0 1,026.7 229.5 206.6							702		
1969		5.446.4				228.3	675.		
1971 6.373.2 6.082.7 3.483.9 1.083.5 98.2 190.5 1972 5.878.8 5.867.5 3.342.0 976.9 148.6 235.3 1973 6.286.0 6.251.5 3.599.4 1.285.4 247.7 259.2 1974 6.579.7 6.529.8 3.690.5 1.225.6 197.2 181.7 1975 7.530.0 7.102.6 4.367.0 1.026.7 229.5 206.6						246.7	31.079		
1972 5,878.8 5,867.5 3,342.0 976.9 148.6 235.3 1973 6,265.0 6,251.5 3,539.4 1,255.4 247.7 259.2 1974 6,579.7 6,529.8 3,690.5 1,225.6 197.2 181.7 1975 7,530.0 7,102.6 4,357.0 1,026.7 229.5 206.6	 6,397.7	6,258.4	3,531.5	1,158.5	189.8		31,175.		
1973 6,265.0 6,251.5 3,539.4 1,255.4 247.7 259.2 1974 6,579.7 6,529.8 3,690.5 1,225.6 197.2 181.7 1975 7,530.0 7,102.6 4,357.0 1,026.7 229.5 206.6	 6,373.2		3,483.9	1,093.5			3 1,218.		
1974 6,579.7 6,529.8 3,690.5 1,225.6 197.2 181.7 1975 7,530.0 7,102.6 4,357.0 1,026.7 229.5 206.6							31,164.		
1975							3949.		
				1,225.6			3 1,234.		
1976 6.473.2 6.467.9 3.916.8 919.9 229.3 220.4							3 1,282.		
							31,181.		
1977 6,672.6 6,643.0 3,793.6 1,074.9 225.5 160.9 19784 7,633.4 7,581.2 4,236.3 1,227.6 242.5 207.4							31,388. 31,667.		

Table 298.-Apples, commercial crop: Production and utilization, by States, crop of 1978 (preliminary)

				100.0	Utiliz	ation		lo-e		
State	Total production	Utilized production			Proce	ssed (fresh	basis)			
- 1			Fresh 1	Canned	Dried	Frozen	Juice and cider	Other ³		
Calif Mich N.Y Oreg Pn Va Wash W. Va Other States	Million pounds 500.0 920.0 1080.0 400.0 485.0 2,170.0 325.0 1,611.4	Million pounds 500.0 890.0 1,080.0 142.0 400.0 485.0 2,170.0 325.0 1,589.2	Million pounds 140.0 350.0 425.0 112.0 158.9 132.0 1,690.0 116.4 1,112.0	Million pounds 148.0 293.0 11.3 151.8 186.5 83.0 119.1 234.9	Million pounds 64.0 47.0 119.0 12.5	Million pounds 131 122.0 44.0 131 3.2 131	Million pounds 165.0 237.0 250.0 14.2 70.3 126.3 250.0 70.0 296.8	Million pounds (3) 33.0 21.0 (3) (3) (10.1) 95.7		
U.S	7,633.4	7,581.2	4,236.3	1,227.6	242.5	207.4	1,479.6	187.8		

Includes "Home use."

 $^{^1}$ Includes "Home use." 2 Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included. 3 Includes the following quantities of juice and cider (million pounds): $1969-936.1;\ 1970-1.031.7;\ 1971-1.087.0;\ 1972-1.028.6;\ 1973-822.2;\ 1974-1.030.7;\ 1975-1.191.6;\ 1976-1.109.1;\ 1977-1.267.2;\ and\ 1978-1.479.6.$

Includes "Home use."

Mostly vinegar, wine, and jam.

Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.

Arkansas, Colorado, Connecticut, Delaware, Georgin, Idaho, Illinois, Indiana, Iowa, Kansaa, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Table 299. - Apples: International trade, 1975-77

	19	75	19	76	19	77
Continent and country	Exports	Imports	Exports	Imports	Exporta	Imports
North America: Canada United States	Metric tons 39,096 109,824	Metric tons 67,138 38,993	Metric tons 45,008 115,736	Metric tons 79,672 52,709	Metric tons 47,887 143,412	Metric tons 66,708 49,437
Total	148,920	106,131	160,744	132,381	191,299	116,145
South America: Argentina Brazil Chile	245,549 45,332	143,595	258,233 61,349	189,397	******	202,565
Total	290,881	143,595	319,582	189,397		202,565
Europe: Austria Belgium and Luxembourg Denmark Finland France:	96 48,523 23,711	56,599 97,288 19,592 48,275	5,215 60,365 16,905	66,781 103,328 27,783 59,735	2,852 54,233 23,163	71,546 124,233 26,162 43,100
Table Cider Cermany, Fed. Rep. of Ireland Italy Netherlands Norway Sweden	578,362 7,217 24,577 399,569 154,306	85,700 604,895 25,803 19,189 154,775 28,775 64,732	640,322 855 29,984 461,226 123,014 2,672	80,632 608,601 29,885 21,006 161,901 39,175 64,608	495,901 254 36,639 575,364 125,559 2,692	149,335 620,634 25,627 12,176 163,661 34,970 62,691
Switzerland: Table Cider United Kingdom Yugoelavia	467 135 441	31,199 52 330,018	409 48 1,022	13,418 381,396	6,495 3,695 25,197	28,496 178 339,296
Total	1,239,466	1,566,892	1,342,037	1,658,251	1,352,044	1,702,10
Africa: Morocco South Africa	171,769	502	193,115		53 119,107	
Total	171,773	502	193,115		119,160	*******
Asia: Hong Kong Japan	12,734 832	53,185 1,195	7,087 1,309	51,636 168	9,536 2,269	50,756
Total	13,566	54,380	8,396	51,804	11,805	50,756
Oceania: Australia New Zealand	88,380 69,836		61,180 79,832	:::::::	*******	*******
Total	158,216	*******	141,012		*******	*******
World total	2.022.822	1,871,500	2.164.886	2.031.833	1,674,308	2,071,57

¹ Includes pears.

3.0

8.0 0.1 5.7 7.8

ine,

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 300.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1975-1977

	Year	beginnin	g July		Year	beginning	July
Country	1975	1976	1977	Country	1975	1976	1977
Europe: Denmark Pinland	Metric tons	Metric tons 2,468	Metric tons 10 3,180	EXPORTS — Continued Bermuda and Caribbean — Continued Netherlands Antilles	Metric tons 793	Metric tons 737	Metric tons 882
France Germany, Fed. Rep. of	9	58	735 15	Trinidad and Tobago Other countries	475 32	582 129	885 167
Iceland	591 13	778 266 487	1,445 1,410 2,806	Total	3,419	3,878	4,373
Norway Sweden United Kingdom	2,065 1,316 4,228	1,807 2,642 1,438	3,429 4,544 8,318	Other countries: Canada China, Taiwan French Pacific Islands	41,629 2,005 438	54,488 2,763 348	48,970 1,850 420
Total	10,436	9,944	25,892	Hong Kong	13,104	11,945	11,314
Latin America: Brazil Colombia Costa Rica Ecuador Guatemala Honduras Mexico Nicaragua Panama Surinam	1,310 248 176 554 523 398 9,594 211 713 44	410 1855 393 661 1,071 623 7,372 340 570 68	1,454 4,064 496 859 835 813 8,155 459 606 59	Indonesia Liberia Malaysia Malaysia New Zealand Other Pacific Islands Philippines Saudi Arabia Singapore Thailand Other countries Total	1,895 73 395 584 174 927 5,908 1,166 110 3	2,614 182 1,316 730 164 666 6,778 974 97	2,507 117 1,394 1,232 141 521 5,297 1,222 309 18,543 93,837
Venezuela	5,928 290	9,753	7,963	Grand total	102,255	120.063	149,939
Total	19,989	23,176	25,837	IMPORTS			
Bermuda and Caribbean: Bahamas Barbados Bermuda Dominican Republic Haiti	668 23 406 901 69 25	576 177 292 1,282 74	510 156 447 1,181 95	Australia Canada Chile France New Zealand South Africa Other countries	1,046 31,206 1,756 1,741 10,060 9,707 74	104 33,024 430 71 10,442 3,682 22	384 37,102 3,959 8,571 6,910 217
Jamaica Leeward and Windward Islands	27	3 26	50	Total	55,590	47,775	57,143

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 301. - Apples: 1 Foreign trade, United States, 1964-77

Year	Importa,	Domestic exports			Year	Importa,	Domestic exports		
beginning July	fresh and dried, in terms of fresh	Fresh	Dried, in terms of fresh ¹	Canned, in terms of fresh ¹	beginning July	fresh and dried, in terms of fresh	Fresh	Dried, in terms of fresh	Canned, in terms of fresh
964	1,000 bushels 947 703 1,445 2,674 2,612 1,876 2,104	1,000 busheis 4,595 5,839 4,098 2,927 1,577 2,342 2,099	1,000 bushels 626 570 308 248 204 157	1,000 bushels 274	1971 1972 1973 1974 1975 1976 ³ 19776 ³	1,000 bushels 1,781 2,349 1,941 1,605 2,563 2,559 2,923	1,000 bushels 2,453 3,111 3,714 4,873 4,706 5,680 6,538	1,000 bushels 101 346 285 172 172 209 377	1,000 bushels

¹ Dried and canned are converted to terms of fresh apples on following basis: 1 pound dried is equivalent to 8 pounds fresh; 1 pound of canned is equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported. ² July-December average. Not reported separately after 1964.
³ Year beginning October.

Economics, Statistics, and Cooperatives Service -- Economics. Compiled from reports of the U.S. Department of Commerce.

Table 302.—Apples, western: Average auction price per box, all grades, New York, 1964-78

Season beginning July	Golden Delicious	Rome Beauty 1	Delicious	Winesap	Average 2
	Dollars	Dollars	Dollars	Dollars	Dollars
964	4.31	4.21	5.33	4.35	5.00
965	4.47	4.00	5.55	4.66	5.56
966	4.80	4.11	5.91	5.71	5.62
967	6.02	3.95	6.75	6.52	6.5
968	6.10	5.12	7.64	5.20	7.00
969	4.66	3.14	4.82	4.53	4.3
970	5.48	2.76	6.45	4.02	6.3
971	5.76	4.37	6.38	5.08	6.1
972	6.36	5.04	8.65	6.05	7.8
973	7.76	5.00	8.56	8.25	8.2
974	8.81	7.04	9.86	7.44	9.3
078	8.22	5.16	8.41	6.72	
070	7.57		9.85		8.1
		3.67		5.04	7.7
	8.76	7.28	12.76	7.89	10.6
9783	9.77	6.00	11.47	13.01	11.13

¹ "Rome Beauty" no longer reported. Beginning 1971, prices quoted are for "Red Rome" variety. ³ Weighted average of varieties shown in this table.
³ Preliminary.

1 0 7

Economics, Statistics, and Cooperatives Service — Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

Table 303.—Apricots: Production and value, United States, 1964-781

Year	Total produc- tion	Utilized produc- tion	Season average price per ton	Value	Year	Total produc- tion	Utilised produc- tion	Season average price per ton ²	Value
1964 1965 1966 1967 1968 1969 1970	Tons 220,100 226,000 193,500 147,900 149,400 228,600 175,000 186,450	Tons 218,000 210,940 192,400 147,525 149,280 228,450 174,700 148,850	Dollars 122.00 93.00 123.00 158.00 183.00 143.00 111.00 94.80	1,000 dollars 26,606 19,629 23,569 23,357 27,348 32,640 19,342 14,112	1972 1973 1974 1975 1976 1977 1978	Tems 127,600 157,900 93,550 182,600 154,600 147,400 126,300	Tons 127,470 157,690 93,550 175,600 128,440 141,400 126,300	Dollars 144.00 168.00 270.00 214.00 200.00 210.00 274.00	1,000 dollars 18,33: 26,44: 25,28: 37,60: 25,70: 29,69: 34,60:

Production, price, and value for California, Utah, and Washington.
Quantities processed are priced at the equivalent processing plant door level.
Preliminary. Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 304.—Apricots: Production and season average price per ton, by States, 1976-78

State	- Total production			Utilized production			Price 2 for crop of -			
State	1976	1977	1978 1	1976	1977	19781	1976	1977	19781	
Calif Utah Wash	Tons 150,000 2,000 2,600	Tons 143,000 1,800 2,600	Tons 123,000 600 2,700	Tons 124,000 1,840 2,600	Tons 137,000 1,800 2,600	Tons 123,000 600 2,700	Dollars 198.00 162.00 328.00	Dollars 207.00 249.00 342.00	Dollars 273.00 460.00 279.00	
Total	154,600	147,400	126,300	128,440	141,400	126,300	200.00	210.00	274.00	

¹ Preliminary.

² Quantities processed are priced at the equivalent processing plant door level.

212 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1979

Table 305.—Apricots, fresh: Production in specified countries, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	1978 1
North America: Canada United States	1,000 metric tons 2.8 140.3	1,000 metric tons 2.6 133.7	1,000 metric tons 2.9 114.6	Asia: Turkey ²	1,000 metric tons 176.0	1,000 metric tons 151.0	1,000 metric tons 150.0
Total	143.1	136.3	117.5	Southern Hemisphere: Argentina	22.0 26.2	26.0 26.8	23.0 24.5
Europe: Austria France Germany, Fed. Rep. of	9.5 133.0 1.4	4.3 68.9 1.8	14.1 92.6 3.0	Australia Chile New Zealand South Africa	5.0 4.7 22.8	15.1 5.7 35.0	15.6 5.5 27.4
Greece	74.0	69.1 83.7	46.3 77.0	Total	80.7	108.6	96.0
Spain	98.7 214.5 8.8 25.7	65.4 6.0 19.7	227.4 5.5 13.6	Total specified countries	965.4	714.8	843.0
Total	565.6	318.9	479.5				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office re and related information.

Table 306.—Apricots: Production and utilization, United States, 1964-78

				Utilization of qu	aantities sold	
Crop of—	Total produc- tion	Utilized produc- tion	Fresh ²	Proc	essed (fresh ba	sia)
				Canned ³	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
964	220,100	218,000	20,340	151,760	37,400	8,500 9,000
965	226,000	210,940	415,140	156,000	30,800	9,000
966	193,500	192,400	18,530	126,370	39,000	8,500 7,700
967	147,900	147,525	11,555	106,270	22,000	7,700
968	149,400	149,280	11,885	106,095	23,100	8,200
969	228,600	228,450	12,700	164,450	41,800	9,500
970	175,000	174,700	14,540	116,060	36,400	7,700
971	186,450	148,850	16,920	99,530	26,000	6,400
972	127,600	127,470	10,050	93,020	18,000	6,400
973	157,900	157,690	11,870	116,720	19,500	9,600
974	93,550	93,550	8,450	62,500	17,000	5,60
975	182,600	175,600	10,100	122,800	28,500	14,200
976	154,600	128,440	12,840	76,200	29,300	10,100
977	147,400	141,400	12,060	79,340	39,500	10,500
9785	126,300	126,300	8,800	78,500	30,500	8,50

¹ Preliminary. ² Includes wild apricots.

¹California, Utah, and Washington.

²Includes "Home use."

³Includes some quantities frozen or otherwise proce

⁴Beginning 1965, includes some quantities canned.

⁵Preliminary.

Table 307.—Apricots: Production and utilization, by States, crop of 1978 (preliminary)

100	Wint		Utilization						
State	Total production	Utilized production	-	Processed (fresh basis)					
			Fresh	Canned	Dried	Frozen			
Calif	Tons 123,000 600 2,700	Tons 123,000 600 2,700	Tons 6,000	Tons 78,000	Tons 30,500	Tons 8,500			
U.S	126,300	126,300	18,800	1278,500	30,500	8,500			

¹Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

²Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 308.—Apricots: Foreign trade, United States, 1964-77

Year		Don	nestic exp	porta		Year beginning July	Domestic exports					
beginning July	Fresh	Canned 1	Dried 1	Dried, in fruit salad ²	Total, in terms of fresh ³		Fresh	Canned 1	Dried ¹	Dried in fruit salad ²	Total, in terms of fresh ³	
1964 1965 1966 1967 1968 1969	Tons 2,102 4,826 2,002 1,338 955 4,012 2,139	1,000 pounds 6,609 10,249 6,003 2,710 2,471 4,216 2,746	Tons 1,404 1,550 1,293 613 460 693 525	Tons 386 486 335 310 243 266 209	Tens 13,751 20,382 13,580 7,472 5,777 10,901 7,230	1971 1972 1973 1974 1976 19764	Tons 3,501 1,668 2,244 1,451 2,924 1,992	1,000 pounds 4,262 5,520 5,182 1,450 2,111 2,405 2,739	Tons 609 919 919 587 880 1,164	Tons 224 215 243 238 250 220 253	Tons 9,700 10,011 10,611 6,560 9,481 9,960 2,280	

Net processed weight.

Dried apricots are 12½ percent of total dried fruit for salad.

Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.

Year beginning October.

Not available.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of Commerce.

Table 309. - Avocados: Production, season average price per ton, and value, United States, 1964-65 to 1978-79

Price ² Dollars 520 262 202	1,000 dollars 12,480 15,196	Produc- tion 1 Tons 12,740 2,800	Price ² Dollars 180	1,000 dollars 2,293	Produc- tion 1	Price ²	Value
520 262	dollars 12,480	12,740		dollars		Dollars	
520 262	12,480	12,740				Dollars	dallam
262			180				
	10,196				36,740	402	14,773
	15,049	5,800	450 224	1,260 1,299	60,800 80,300	271 204	16,456 16,348
460	17,204	14,700	188	2,764	52,100	383	19,968
300	18.330	12,600	237	2,986	73,700	289	21,316
682	21,619	14,000	288	4,032	45,700	561	25,651
376	25,192	18,800	290	5,452	85,800	357	30,644
952	24,847	19,300	338	6.523	45,400	691	31,370
546	38,493	18,800	321	6,035	89,300	499	44,528
793	42,346	20,300	355	7,207	73,700	672	49,553
							57,274
							72,161
							79,811
							86,563 74,279
	475 1,037 593	475 50,113 1,037 60,561 593 71,160 740 79,180	475 50,113 21,900 1,037 60,561 29,000 593 71,160 21,100 740 79,180 10,700	475 50,113 21,900 327 1,037 60,561 29,000 400 593 71,160 21,100 416 740 79,180 10,700 690	475 50,113 21,900 327 7,161 1,037 60,561 29,000 400 11,600 593 71,160 21,100 416 8,651 740 79,180 10,700 690 7,383	475 50,113 21,900 327 7,161 127,400 1,037 60,561 29,000 400 11,600 87,400 71,160 21,100 416 8,651 141,100 740 79,180 10,700 690 7,383 117,700	475 50,113 21,900 327 7,161 127,400 450 1,037 60,561 29,000 400 11,600 87,400 826 593 71,160 21,100 416 8,651 141,100 567 740 79,180 10,700 690 7,383 117,700 735

See footnotes on page 215.

Ye	ar beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports	
1964 1965 1966 1967 1968		Tons 36 125 295 187 100	1969 1970 1971 1971 1972	Tons 399 572 1,132 976 1,126	1974	Tons 1,68 1,47 2,19 3,48	

Table 310. - Avocados: Foreign trade, United States, 1964-77

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of Commerce.

Table 311. - Bananas: Area, yield, production, price and value, Hawaii, 1964-78

Year	Area har- vested	Yield per acre ¹	Pro- duc- tion 2	Price per pound	Value	Year	Area har- vested	Yield per acre ¹	Pro- duc- tion 2	Price per pound	Value
1964 1965 1966 1967 1968 1969 1970	Acres 890 950 1,010 1,010 965 930 760 725	1,000 pounds 10.1 7.5 8.6 8.0 6.7 6.6 7.4 8.1	1,000 pounds 9,010 7,100 8,730 8,095 6,485 6,170 5,600 5,865	Cents 7.7 7.7 7.7 7.0 7.7 9.4 10.6 11.6	1,000 dollars 690 545 668 567 499 580 594 680	1972 1973 1974 1975 1976 1977 1978	Acres 720 660 610 630 560 550 560	1,000 pounds 8.3 11.1 10.8 9.8 9.0 10.5 8.6	1,000 pounds 6,000 7,295 6,600 6,200 5,030 5,800 4,800	Cents 12.0 10.6 13.1 13.8 15.5 15.6 18.5	1,000 dollars 73 77: 86: 85: 78: 90: 88:

Derived from total production. 2Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 60 in 1865. 3 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 312.—Bushberries: Area, yield, production, utilization, price, and value, United States, 1964-78

			921-13	Produ	etion	Utilia	nation	P. (
	Year	Area harvested	Yield per acre 1	Total	Utilized	Fresh	Processed	Price per pound ²	Value
				1,000	1,000	1,000	1,000		1,000
		Acres	Pounds	pounds	pounds	pounds	pounds	Cents	dollars
1964		15,050	4,862	73,170	72,305	2,787	69,518	17.0	12,278
1965		17,910	4,662	83,492	83,083	2,874	80,209	18.5	15,381
1966		18,810	5,243	98,619	92,879	2,801	90,078	15.0	13,955
1967		18,390	4,801	88,282	83,953	3,803	80,150	13.3	11,142
1968		16,950	4.418	75,873	74,886	3,760	71,126	16.5	12,378
1969		16,480	5.213	86,044	85,904	3,790	82,114	23.5	20,148
1970	*******	16,160	4,892	79,365	79,061	3,717	75,344	18.5	14,653
1971		15,410	4,387	69,016	67,607	4,153	63,454	18.1	12,258
1972		14,090	4,421	62,585	62,291	4,301	57,990	28.8	17,925
1973	********	11.710	3,694	43,694	43,260	3,722	39,538	46.4	20,061
1974		13.570	4.802	66,019	65,168	3,814	61,354	29.7	19,371
1975		12,100	5,180	64,570	62,672	3,923	58,749	22.0	13,789
1976		11.030	5.218	57,985	57,555	4,078	53,477	30.7	17,643
1977		10,960	5.314	58,921	58,245	3,716	54,529	48.6	28,299
1978	14	45,640	2.821	129,212	128,737	26,968	101,769	62.3	80,177

Yield is derived from total production through 1967; beginning 1968, yield is derived from utilized production.
 Protection per pound is derived.
 Preliminary.
 Maine, Michigan, New Jersey, North Carolina, and Oregon added to the Bushberry program.

¹ Year beginning October.

Table 313.—Bushberries: Area, yield, production, utilization, price, and value, by States, 1978 (preliminary)

Crop and State	Area	Yield per	Prode	uction	Utili	zation	Price per	
Crop and State	harvested	acre	Total	Utilized	Fresh	Processed	pound	Value
BLACKBERRIER, CULTIVATED Orog Wash	Acres 3,000 200	Pounds 6,700 5,300	1,000 pounds 20,100 1,120	1,000 pounds 20,100 1,060	1,000 pounds 400 49	1,000 pounds 19,700 1,011	Cents 50.8 50.1	1,000 dollars 10,211 531
Total	3,200	6,613	21,220	21,160	449	20,711	50.8	10,743
Maine Mich N.J N.C Oreg Wash	14,800 8,000 7,800 3,400 450 800	1,220 2,810 2,860 2,310 5,000 6,030	18,100 22,500 22,308 7,850 2,250 5,031	18,100 22,500 22,308 7,850 2,250 4,824	8,000 11,418 3,825 750 934	18,100 14,500 10,890 4,025 1,500 3,890	51.0 66.3 69.4 58.8 66.0 65.5	9,231 14,918 15,485 4,616 1,486 3,160
Total	35,250	2,208	78,039	77,832	24,927	52,905	62.8	48,890
BOYSENBERRIES AND YOUNGBERRIES Oreg	750	2,670	2,000	2,000	100	1,900	80.0	1,600
Wash	140	2,200	316	308	2	306	30.1	95
Oreg	470	5,320	2,500	2,500	50	2,450	43.0	1,078
Oreg	1,200 130	1,580 1,360	1,900 177	1,900 177	40	1,860 174	75.0 75.0	1,425
Total	1,330	1,562	2,077	2,077	43	2,034	75.0	1,558
Oreg	1,900 2,600	5,050 5,100	9,600 13,460	9,600 13,260	400 997	9,200 12,263	71.0 70.9	6,816 9,401
Total	4,500	5,080	23,060	22,860	1,397	21,463	70.9	16,217

POOTNOTES FOR TABLE 293

30 71 98

¹ In orchards of 100 or more bearing-age trees.

² Preliminary,

³ Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 309

¹ Production is the quantity sold or utilized.

² Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.

³ Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Mar. 1 for Florida.

⁴ Preliminary.

Table 314.—Cherries: Production and value, United States, 1964-78

	A	ll varietie	16		Sweet varieties				Tart varieties			
Year	Total produc- tion	Utilized produc- tion	Value	Total produc- tion	Utilized produc- tion	Season average price per ton	Value	Total produc- tion	Utilized produc- tion	Season average price per pound	Value	
964	Tons 392,900 264,730 205,910 199,960 228,891 285,860 246,660 279,940 251,960 245,930 246,210 246,210 245,250	Tons 344,058 248,194 200,546 199,143 228,464 278,210 239,430 277,990 230,140 241,330 279,290 240,980 251,950 245,550	1,000 doilars 57,339 45,323 67,833 75,167 81,282 66,429 60,963 58,737 88,737 88,737 13,025 134,635 134,635	Tons 119,530 87,820 115,910 110,990 91,121 128,310 122,260 96,050 158,630 154,680 155,910 172,910 147,800 154,940	Tons 118,135 86,780 111,050 110,153 90,810 126,960 121,530 139,990 96,840 154,630 146,590 167,680 146,540	Dollars 220.00 332.00 339.00 400.00 436.00 338.00 355.00 315.00 382.00 386.00 436.00 384.00 496.00 694.00	1,000 dollars 34,232 28,854 43,237 44,113 39,548 42,866 43,173 36,649 55,331 64,057 63,484 64,450 72,684	Million pounds 546.7 353.8 160.0 178.0 275.5 315.1 248.8 277.3 311.8 174.6 264.9 290.5 146.6 210.9 181.2	Million pounds 451.8 322.8 179.0 178.0 275.3 302.5 235.8 276.0 268.6 173.4 264.6 1 146.6 210.9 181.2	Cents 5.1 5.1 13.7 17.4 15.2 7.6 9.8 8.2 19.0 18.5 10.2 25.1 29.4 43.8	1,000 dollars 23,087 16,486 24,596 31,085 41,734 23,544 17,812 26,916 22,086 32,944 48,968 36,800 61,934 79,33	

Preliminary.

Table 315.—Cherries: Production and season average price, by States, 1976-78

	Tot	al product	ion	Util	ized produc	tion	Price	² for crop o	of —
State	1976	1977	19781	1976	1977	19781	1976	1977	1978
SWEET VARIETIES Calif	Tons 51,000 500 3,000	Tons 27,000 550 2,200	Tons 14,000 140 2,000	Tons 46,700 500 2,450	Tons 27,000 550 2,050	Tons 14,000 140 2,000	Dollars per ton 456.00 596.00 439.00	Dollars per tan 581.00 680.00 460.00	Dollars per ton 1,012.00 1,067.00 677.00
Mich Mont N. Y Oreg Pa Utah Wash	13,500 2,650 2,500 39,000 460 6,000 54,300	23,000 2,600 1,800 37,500 350 5,800 47,000	35,000 1,850 3,500 34,000 750 3,000 60,700	13,500 2,650 2,120 39,000 460 6,000 54,300	23,000 2,550 1,800 37,500 350 4,700 47,000	35,000 1,850 3,500 34,000 750 3,000 60,700	372.00 415.00 394.00 350.00 792.00 337.00 346.00	410.00 518.00 552.00 423.00 836.00 461.00 541.00	458.00 701.00 543.00 631.00 836.00 769.00 795.00
Total 10 States	172,910	147,800	154,940	167,680	146,500	154,940	384.00	496.00	694.00
TART VARIETIES Colo Mich N. Y Ohio Oreg Pa Utah Wis	Million pounds 3.3 90.0 14.3 .3 8.2 7.6 17.0 5.9	Million pounds 2.3 162.0 11.8 .2 8.0 3.2 11.2 12.2	Million pounds 1.3 128.0 18.9 2 3.8 6.2 11.3 11.5	Million pounds 3.3 90.0 14.3 3 8.2 7.6 17.0 5.9	Million pounds 2.3 162.0 11.8 .2 8.0 3.2 11.2 12.2	Million pounds 1.3 128.0 18.9 2 3.8 6.2 11.3 11.5	Cents per pound 19.8 25.4 24.6 33.3 26.3 25.8 23.7 25.9	Cents per pound 24.3 29.5 29.5 50.0 29.2 29.8 28.6 28.9	Cents per pound 41.6 44.4 42.9 60.0 39.4 41.7 39.0 45.6
Total 8 States	146.6	210.9	181.2	146.6	210.9	181.2	25.1	29.4	43.8

¹Preliminary.

²Presh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Table 316.—Cherries, fresh: Production in specified countries, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Canada United States	1,000 metric tons 13.5 223.4	1,000 metric tons 17.1 229.8	1,000 metric tons 13.5 222.8	Europe — Continued Yugoslavia	1,000 metric tons 102.3	1,000 metric tons 86.5	1,000 metric tons 85.7
Total	236.9	246.9	236.3	Total	811.0	593.8	731.8
Europe: Austria Belgium and Luxembourg Denmark France Germany, Fed. Rep. of	23.6 15.0 8.2 137.0	17.9 11.0 5.1 59.0	25.0 14.4 7.3 95.0	Asia: Japan Turkey Total	17.1 127.6 144.7	16.3 135.0 151.3	15.7 127.0 142.7
Greece Italy Netherlands Norway	212.8 28.0 156.3 2.9 5.7	182.1 24.0 141.2 1.3 4.2	259.5 22.0 110.0 2.2 5.7	Southern Hemisphere: Argentina Australia Chile	2.0 6.7 5.0	2.4 7.2 5.4	2.3 9.6 5.5
Spain	78.0 31.2	46.8 11.8	76.6 25.0	Total	13.7	15.0	17.4
United Kingdom	10.0	2.9	3.4	Total specified countries	1,206.3	1,007.0	1,128.2

1 Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research,

Table 317.—Cherries: Foreign trade, United States, 1964-77

Year beginning July	Imports		Domestic exports			Imp	orts	Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh	Year beginning July	Natural, sulfured, or in brine	Dried or preserved	Canned	Fresh
1964	1,000 pounds 5,104 1,977 5,180 5,626 11,033 2,696 3,432	1,000 pounds 6,920 7,183 8,404 8,623 9,138 8,421 7,674	1,000 pounds 21,385 33,534 3,786 3,390 3,155 15,072 2,304	1,000 pounds 4,066 4,687 4,620 3,727 5,180 7,337 6,293	1971 1972 1973 1974 1975 1976 1977	1,000 pounds 1,539 2,201 919 261 285 167 73	1,000 pounds 6,991 7,636 3,585 2,747 1,667 1,282 636	1,000 pounds 1,619 9,457 2,463 2,606 2,052 3,124 3,742	1,000 pounds 8,98 15,98 12,82 15,42 14,73 11,96

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

POOTNOTES FOR TABLE 319

¹ Includes "Home use."

²Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.

³California, Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.

⁴Colorado, New York, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Table 318.—Cherries: Production and utilization, United States, 1964-78

1110				Utilization of q	puantities sold	
Crop of —	Total produc- tion	Utilized produc- tion	Fresh ²	Prox	cessed (fresh ba	ais)
			Fresh.	Canned ³	Prozen	Brined 4
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
1964	119,530	118,135	47,681	16,945		53,50
965	87,820	86,780	30,004	13,175		43,60
966	115,910	111,050	44,138	12,543		54,36
967	110,990	110.153	42.202	14.492		53,450
968	91.121	90.810	35,733	11.115		43.96
969	128,310	126,960	49,820	19,335		57.80
970	122,260	121.530	48.292	11.833		61.40
971	141.290	139,990	68.627	512,998		58.36
972	96,050	95,840	41.668	11.017		43.15
973	158,630	154,630	82,839	16,948		54.84
974	146,980	146,980	67.516	25.864		53,60
975	155,910	155,910	77,500	14,520		63.89
976	172,910	167,680	95,110	21,180		51.38
977	147,800	146,500	72,400	21,990		52.11
9784	154,940	154,940	68,770	28,060		58,11
	Million	Million	Million	Million	Million	Million
TART VARIETIES	pounds	pounds	pounds	pounds	pounds	pounds
1964	546.7	451.8	16.5	202.0	233.3	
965	353.8	322.8	13.0	139.8	170.0	
966	180.0	179.0	13.2	73.5	92.3	
967	178.0	178.0	9.3	60.8	107.9	
968	275.5	275.3	11.5	96.8	167.0	
969	315.1	302.5	9.5	126.7	166.3	
970	248.8	235.8	10.0	86.7	139.1	
971	277.3	276.0	8.8	82.5	184.7	
972	311.8	268.6	6.3	96.1	166.2	
973	174.6	173.4	5.4	51.9	116.1	
974	264.9	264.6	4.4	97.6	162.6	
ORF.	290.5	246.1	7.2	89.7	149.2	******
976	146.6	146.6	6.0	42.4	98.2	
400	210.9			65.5		******
0704	181.2	210.9	6.1 5.0	49.9	139.3	
19/8"	181.2	181.2	5.0	49.9	126.3	******

¹California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin.

²Includes "Home use." ³For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries.

⁴Sweet varieties include small quantities used for juice, wine, brandy, canning, etc., through 1970; beginning 1971, brined only.

⁵Sweet varieties, beginning 1971, include small quantities used for juice, wine, brandy, etc.

⁶Preliminary.

Table 319.—Cherries: Production and utilization, by States, crop of 1978 (preliminary)

				Utilia	ation		
Variety and State	Total	Utilized		Processed (fresh basis)			
	production	production	Fresh 1	Canned and otherwise processed ²	Frozen	Brined	
Mich SWERT VARIETIES Mich Oreg Wash Other States ³	Tons 35,000 34,000 60,700 25,240	Tons 35,000 34,000 60,700 25,240	Tons 2,000 8,900 40,800 17,070	Tons 12,700 7,250 7,000 1,110	Tons	Tons 20,300 17,850 12,900 7,060	
U.S	154,940	154,940	68,770	28,060		58,110	
MichOther States 4	Million pounds 128.0 53.2	Million pounds 128.0 53.2	Million pounds 3.0 2.0	Million pounds 35.0 14.9	Million pounds 90.0 36.3	Million pounds	
U.S	181.2	181.2	5.0	49.9	126.3		

See footnotes on page 217.

Table 320.—Citrus fruits: Production and value, United States, for season of 1964-65 to 1977-78

Season 1	Production	Season average returns per box ²	Value	Quantities processed ³	Production	Season average returns per box ²	Value	Quantities processed ³		
		Oraz	iges 4			Grapefruit				
1964-65 1963-66 1965-67 1967-68 1969-69 1969-70 1970-71 1971-72 1972-73 1973-74 1976-75 1976-77 1977-78	J,000 borns 116,380 135,470 182,850 124,480 124,480 185,770 189,430 191,450 224,660 216,210 237,810 242,780 242,960 219,620	Dollars 3.16 248 1.84 3.08 2.43 2.09 2.45 2.87 2.78 2.78 2.78 2.78 2.78 2.74 3.34 5.47	1,000 dollar 367,266 335,941 337,309 383,807 446,972 388,313 463,506 549,369 603,305 600,691 653,759 678,717 811,196 1,201,225	74,604 92,075 134,063 91,698 138,621 141,064 145,529 148,015 182,263 171,323 183,457 192,540 195,782 175,809	1,000 boxes 41,027 46,695 55,676 44,058 54,170 53,910 60,560 66,640 65,500 61,610 70,080 74,600 73,700	Dollars 1.90 1.95 1.38 2.54 1.68 2.24 2.89 2.70 2.41 2.51 2.51 2.35 2.43	1,000 dollars 78,147 91,228 76,586 111,787 90,842 120,994 145,287 185,890 177,055 157,673 154,439 154,439 175,467 179,305	1,000 hones 18,911 23,694 30,488 21,837 31,503 30,201 36,142 37,279 38,219 37,506 33,222 37,506 46,042 43,557		
		Len	none			Li	mes			
1964 - 65 1965 - 66 1966 - 67 1967 - 68 1968 - 69 1969 - 70 1970 - 71 1971 - 72 1972 - 73 1973 - 74 1974 - 75 1976 - 77 1977 - 78	14,210 15,770 17,910 16,850 15,810 15,120 16,650 22,200 27,800 29,400 17,620 26,000 26,100	3.31 3.29 3.28 3.85 4.41 4.85 4.96 4.81 4.38 6.17 3.85 5.79 3.56 3.84	47,057 51,885 58,685 64,939 69,694 73,294 81,960 80,266 97,126 109,851 113,226 101,949 92,500 100,245	5,239 6,600 8,623 7,452 6,931 5,879 6,770 7,070 11,232 6,686 17,880 6,685 12,910 14,595	560 415 420 720 720 725 880 1,100 1,100 1,060 1,060 1,000 460	3.86 4.90 6.44 4.49 4.51 5.71 4.70 5.49 6.10 7.20 7.62 9.27 11.61 19.10	2,050 2,034 2,705 3,233 3,157 4,140 4,136 6,039 6,710 7,560 8,382 10,012 11,610 8,786	260 140 147 377 320 351 485 626 583 571 607 494 486 120		
		Tang	erines			Tan	gelos			
1964 - 65 1965 - 66 1966 - 67 1967 - 68 1969 - 70 1970 - 71 1971 - 72 1972 - 73 1974 - 75 1975 - 76 1976 - 77 1977 - 78	4,340 4,180 4,960 3,590 4,330 5,230 5,130 4,840 5,250 5,770 5,400	4.04 3.60 2.60 5.55 4.10 3.70 3.52 4.53 4.04 4.76 4.50 4.85 5.56 6.50	17,551 15,056 12,864 19,921 17,766 15,556 22,767 20,729 23,032 23,618 25,976 32,104 35,089	1,210 939 1,288 801 1,348 1,123 1,612 1,659 1,859 1,290 1,729 1,753 2,209	1,000 1,200 1,700 1,700 1,800 2,500 3,900 3,100 3,700 4,700 4,800 4,900	4.61 5.34 4.00 3.39 2.13 2.09 2.75 2.52 2.50 2.63 2.52 2.77 4.69	4,610 6,408 3,978 6,800 6,102 5,325 5,643 9,900 7,812 9,250 12,361 13,860 13,296 22,981	194 221 406 285 586 1,103 1,083 1,882 1,867 2,104 2,337 3,255 2,505 2,913		
		Ten	ples							
1964 - 65 1965 - 66 1965 - 67 1967 - 68 1968 - 69 1969 - 70 1970 - 71 1971 - 72 1972 - 73 1973 - 74 1974 - 75 1975 - 76 1976 - 77 1977 - 78	3,800 4,500 5,000 4,500 4,500 5,200 5,300 5,100 5,300 5,300 5,500 3,800 4,900	3.33 2.43 1.51 3.56 3.08 2.31 2.78 2.89 3.06 2.80 2.75 2.89 3.39 3.44	12,654 10,935 7,550 16,020 13,860 12,012 13,900 15,317 15,606 14,575 15,895 12,882 26,656	1,554 2,010 1,998 1,699 2,397 2,377 2,768 3,517 2,655 3,375 3,392 3,171 2,616 2,851						

See footnotes on page 222.

Table 321.—Citrus fruits: Production and season average returns per box, by States, 1975-76 to 1977-78

	Production	of crop for s	eason 1 of —	Price ³ of	crop for sea	son of—
Crop and State	1975-76	1976-77	1977 - 782	1975-76	1976-77	1977-782
ORANGES Early, midseason, and Navel varieties: Aris Calif Pla Tex	1,000 boxes 730 28,300 98,800 3,700	1,000 boxes 800 25,600 115,000 4,350	1,000 boxes 820 20,000 88,300 3,850	Dollars 4.95 3.12 2.69 1.93	Dollars 4.85 3.66 2.99 2.26	Dollars 6.92 6.06 5.02 3.77
Total above varieties ⁵	131,530	145,750	112,970	2.77	3.10	5.18
Valencia: Aris	1,950 24,500 82,400 2,400	3,150 19,700 71,800 2,550	2,900 22,000 79,500 2,250	1.57 2.80 2.88 2.05	2.12 3.94 3.73 3.07	4.70 5.76 5.86 4.80
Total Valencia ⁶	111,250	97,200	106,650	2.82	3.70	5.78
Ali oranges: Ariz Calif Fla Tex	2,680 52,800 181,200 6,100	3,950 45,300 186,800 6,900	3,720 42,000 167,800 6,100	2.49 2.97 2.78 1.98	2.67 3.78 3.27 2.56	5.19 5.90 5.42 4.08
U.S., all oranges 5	242,780	242,950	219,620	2.80	3.34	5.47
Ariz Calif., ali Desert Other areas Fia., all Fink seedless White seedless Other Tex	4,100 3,100 49,100 13,000 28,300	3,000 7,700 4,500 3,200 51,500 12,500 29,900 9,100 12,400	2,900 7,500 4,300 3,200 51,400 14,300 28,700 8,400 11,900	1.51 2.11 1.70 2.66 2.37 3.16 2.19 1.70 1.74	1.79 2.29 1.83 2.94 2.51 2.99 2.43 2.10 1.88	1.83 2.79 1.77 4.17 2.62 3.25 2.46 2.10
U.S., all grapefruit ⁵	70,080	74,600	73,700	2.21	2.35	2.43
Ariz LEMONS Calif	2,420 15,200	5,000 21,000	5,700 20,400	6.64 5.65	3.17 3.65	2.77 4.14
U.S., lemons 5	17,620	26,000	26,100	5.79	3.56	3.84
Fla	1,080	1,000	460	9.27	11.61	19.10
Fla	5,500	4,800	4,900	2.52	2.77	4.66
Ariz TANGEBINES Calif		650 1,820 3,300	700 1,500 3,200	5.44 4.64 4.81	6.25 5.87 5.26	7.77 5.90 6.50
U.S., tangerines 5	5,360	5,770	8,400	4.85	5.56	6.50
Fia	5,500	3,800	4,900	2.89	3.39	5.4

¹Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. I and ends in early summer. Grapefruit harvest of the California Desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested diargely from October through April. ³Preliminary. ³Equivalent returns per box at the intake packinghouse door for all methods of sale. ⁴Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas. ⁵Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 30 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; florida, 85 pounds; Texas, 80 pounds; Florida, 95 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; tangerines—Arizona and California, 75 pounds; tangerines—Arizona and California, 75 pounds; tangerines—90 pounds; tangerines—90 pounds.

Table 322.—Citrus fruits: Production in specified countries, 1976-78'

Commodity and country	1976	1977	19782	Commodity and country	1976	1977	19782
ORANGE, INCLUDING TANGERINES North America: Belize Jamaica Mexico ³	1,000 metric tons 26 30 1,283	1,000 metric tons 28 26 750	1,000 metric tons 22 24 783	GRAPERAUTT — continued South America: Argentina Other Southern Hemisphere:	1,000 metric tons 170	1,000 metric tons 150	1,000 metric tons
United States	10,144	9,256	8,729 9,558	Australia	20 81	22 90	96
Mediterranean area:	11,400	10,000	0,000	Total	101	112	96
Algeria	506 100	508 109	113	Southern Hemisphere .	271	262	96
Egypt	840 533	747 455	780 629	World total	3,662	3,599	3,131
Italy Lebanon Morocco Spain	968 2,258 201 784 2,489	949 1,944 206 1,055 2,542	975 1,699 992 2,494	North America: United States	896	900	741
Tunisia	160 671 9,510	177 735	780	Mediterranean area: Cyprus Greece Israel	30 190 37	30 194 29	24 178
Far East: China, Taiwan	356 3,575	342 4,120	3,663	Italy Lebanon Morocco Spain Tunisia	792 81 2 220 23	29 800 81 3 313 23	88 600 239
Total	3,931	4,462	3,663	Turkey	278	280	250
Northern Hemisphere	24,924	23,949	21,683	Total	1,653	1,753	1,334
South America: Argentina Brazil 4 Chile	990 3,754 45	890 5304 47	48	Northern Hemisphere . South America: Argentina	320	2,653 300	2,078
Total	4,789	6,241	48	Chile	65	69	71
Other Southern Hemisphere: Australia South Africa	391 463	377 591	583	Other Southern Hemisphere: Australia South Africa	385	369	71
Total	854	968	583		25	35	31
Southern Hemisphere	5,643	7,209	631	Total	62	73	31
World total	30,567	31,158	22,314	Southern Hemisphere .	447	442	100
North America: Belize Jamaica Mexico Trinidad and Tobago United States	8 19 50 3 2,751	11 17 43 4 2,721	4 15 40 2,422	World total	2,996	3,095	2,176
Total	2,831	2,796	2,481				
Mediterranean area: Cyprus Israel Moroeco Spain	46 491 16 7	66 456 12 7	65 470 10 9				
Total	560	541	554				
Northern Hemisphere	3,391	3,337	3,035				

¹ Harvesting in Northern Hemisphere countries begins November of the year shown, and in Southern Hemisphere countries begins in May following the year shown.

² Preliminary.

³ Four States only (Nuevo León, San Luís Potosí, Tamaulipas, and Verscruz).

⁴ São Paulo only.

9028-7= 3977725604-3= 74-4= 0= 9= 7700-00

or of sit of sid

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 323.—Canned citrus juices, single-strength: United States packs, 1964-77

		Orange	juice		Blend	Blended orange and grapefruit juice				
Season	Florida	California and Arizona	Техаз	Total	Florida	California and Arizona	Texas	Total	Tangerine and tangerine blends	
1964	1,000 cases 1 10,334 11,363 14,412 9,817 11,386 11,223 11,590 13,670 10,635 10,767 10,635 10,767 11,654	1,000 cases ¹ 465 699 1,381 320 1,140 43,073 1,947 1,718 1,484 1,676 1,115 1,150 1,183 1,748	1,000 cases ¹ (2) 52 548 277 927 (4) 1,906 1,334 1,899 1,258 1,441 1,256 2,485 2,485	1,000 cases 1 10,799 12,114 16,341 10,414 13,453 14,296 15,452 13,852 17,053 13,819 13,293 13,461 14,435 15,829	1,000 cases 1 2,435 2,684 3,311 2,043 2,295 2,192 2,196 1,807 1,896 1,782 1,493 1,687 1,308 1,664	2,000 cases 1 77 227 373 110 214 4228 198 64 117 145 113 144 187	1,000 case 1 (2) (3) 54 (3) (4) 116 112 120 566 117 938 89 87	1,000 cases 1 2,512 2,911 3,738 2,153 2,509 2,420 2,500 1,983 2,135 1,983 1,723 2,769 1,584 1,584	1,000 cases 1 187 65 156 44 99 44 11 11 11 11 11 11 11 11 11 11 11 11	

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' associations and individual canners.

Table 324.—Concentrated citrus juices: Annual packs, Florida, 1964-77

	Season beginnin	R		Frozen conce	Nonfrozen concentrated juice				
	December		Orange 1	Grapefruit	Tangerine	Blend	Orange, 65° Brix	Grapefruit, 60° Brix	
1964 1965 1966 1967 1968 1969 1970 1971			1,000 gailons 88,869 76,695 131,755 83,697 103,750 124,947 125,187 134,229 176,073	1,000 gaillons 4,000 3,971 5,485 1,814 5,920 4,294 6,870 8,798 8,658	1,000 gallons 1,154 715 1,120 582 1,051 785 1,090 1,220 1,072	1,000 gallons 70 50 29 10 36 16 18 22 23	1,000 gallons 70 49 119 22 31 34 28	1,000 gallons	
973 974 975 976 977	*******************		171,846 178,174 186,265 158,035 161,204	9,026 7,847 9,316 11,258 13,693	1,019 1,147 1,111 926 1,672	11 4 1 18	000000		

^{142°} Brix through 1964; 45° Brix thereafter. Includes concentrated juice for manufacture.

Economics, Statistics, and Cooperatives Service - Economics. Based on data obtained from Florida Canners' Association.

FOOTNOTES FOR TABLE 320

¹ Equivalent cases of 24 No. 2 cans. ² No pack reported. ³ Pack data not available. ⁴ Texas included with California and Arizona.

¹ See footnote 1, table 321.
² Equivalent returns per box at the intake packinghouse door for all methods of sale.
³ Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.
⁴ Includes small quantities of tangerines in Texas. Excludes Florida temples.
⁵ Preliminary.

Table 325.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1964-77

		Juice (single-strength)							
Season	Sections, Florida	Florida	Texas	California and Arizona	Total				
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975	1,000 cases 1 3,606 4,002 4,756 3,412 3,396 3,325 3,292 2,571 2,687 3,027 2,236 1,602 1,722 1,722	1,000 casses 1 9,770 12,090 17,844 13,300 15,445 16,423 19,110 20,874 19,069 20,576 16,394 18,890 18,890	1,000 cases ¹ (2) (1,767 750 3,066 (3) 4,650 3,837 6,572 6,013 2,789 4,030 5,867	1,000 cases ¹ 1,157 1,126 1,380 1,776 2,024 25,701 2,233 2,066 2,631 2,412 2,446 2,901 3,013	1,000 cases 1 10,92 13,82 20,99 15,82 20,53 22,12 25,99 26,77 28,26 29,00 21,62 25,82				

Equivalent cases of 24 No. 2 cans.
 No pack reported.
 Texas included with California and Arizona.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners' ssociations and individual canners.

Table 326.—Citrus products: United States exports by kind, 1964-77

		Orange juice		G	rapefruit juic	X8			
Year beginning November	Single	Conces	ntrate	Single strength	Conces	ntrate	Blended juices	Grapefruit sections	
	strength	Hot pack	Frozen		Hot pack	Frozen	L. T		
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
1964	gallons	gallons	gallons	gailons	galions	gallons	gallons	cases 1	
1965	4,470 6,271	894 842	2,807 3,060	4,186 3,109	192 165	201 251	1,039 1,165	108	
1966	11,106	958	4.418	5,358	153	284	1,165	128	
1967	13,186	794	4.226	4,472	188	355	981	99	
1968	9,283	724 770	4.227	5,226	206	728	706	9,	
1969	12,134	1,640	5,816	6,049	206 360	913	744	63	
1970	10.931	1,417	7,708	5,119	276	952	602	84 62 76 64 68 88	
1971	8,942	1.310	7.925	4.956	288	1.045	678	6	
1972	10,129	1.170	11.007	4,857	344	1,461	705	60	
1973	10,083	1,395	11.973	4,965	310	1,155	651	84	
1974	9,734	931	12,636	4,850	213	1.214	701	100	
1975	10,693	1,354	15,161	5,115	306	1,292	674	57	
1976	10,472	1,663	17,086	5,445	310	1,988	732	57 56 73	
1977	9,819	(2)	(2)	4,358	(2)	(2)	(2)	73	

¹ Equivalent cases of 24 No. 2 cans.

² Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 327. - Oranges, fresh: United States exports by country of destination, 1975-77

	Year beg	ginning N	ovember		Year be	rinning N	ovember
Country of destination	1975	1976	1977	Country of destination	1975	1976	1977
Burope: Belgium and Luxembourg Denmark France German Dem. Rep. Germany, Fed. Rep. of Netherlands Norway Sweden United Kingdom Other countries Total	Metric tons 11,223 1,135 11,844 8,857 13,144 41,120 1,345 2,761 22,141 193 113,763	Metric tons 9,993 1,061 9,128 393 4,709 30,036 1,726 3,967 16,000 50	Metric tons 7,421 154 2,418 2,159 19,974 1,505 1,665 3,750 67 39,113	Other countries: Australia Canada China, Talwan Prench Pacific Islands Hong Kong Indonesia Japan Kores, Rep. of Malaysia New Zealand Other Pacific Islands Phillippines	Metric tons 176,566 375 97,329 3,063 24,870 210 865 7,091 59 5	Metric tons 16 169,845 35 413 99,188 2,827 22,443 169 2,021 7,505 46	Metric tons 150,009 729 333 81,081 1,901 43,521 51 1,310 5,080
Latin America: Honduras Mexico Panama Other countries	831 17	34 579 12	275 10 93	Saudi Arabia Singapore Trust Territory of Pacific Islands Other countries	13,802 25 17	14,272 69 35	9,697 58 59
Total	*****	*****		Total	324,297	318,888	293,974
Total	848	625	378	Grand total	440,150	397,771	334,973
Bermuda and Caribbean: Bahamas Bermuda Jamaica Netherlands Antilles Other countries	540 142 59 437 64	424 138 542 91	318 222 797 171				25 4,010
Total	1,242	1,195	1,508				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 328.—Citrus fruits: Foreign trade, United States, 1964-77

	Ora	nges	Grap	efruit	Ler	non	Limee		Tangerines	
Year 1	Imports ²	Domes- tic exports ³	Imports 2	Domes- tic exports ³	Imports 2	Domes- tic exports ³	Împorta ²	Domes- tic exports 3	Imports ²	Domes- tic exports ³
	1,000	1,000	1.000	1.000	1.000	1.000	1.000	1,000	1.000	1.000
	boxes	boxes	boxes	boxes	boxes	boxes	boxes	boxes	boxes	boxes
964	1,084	5,615	19	2,363	3	2,728	43	261		64
965	707	6,674	6	2,612	2	3,109	43	28		18
966	301	7,912	20 42	3,429	1	3,191	32 33 37 60 39	59 25 24		24
967	1,665	3,610	42	2,395	1	3,301	33	25		24
968	1,059	7,122	41	3,077	163	2,918	37	24		19
969	914	6,777	100	2,952	161	3,580	60	16		24
970	1,138	6,215	85	2,758	161	3,681	39	26		308
971	1,106	7,652	176	5,149	161	4,348	47	23		37
972	1,225	7,143	217	5,431	1	5,460	52	81		264
973	1,119	8,190	177	6,643	0	5,396	85	57		24
974	888	12,568	130	6,435	2	5,321	101	73		26 24 34
975	526	11,552	117	8,051	2 5	5,860	128	87		394
9761	1,121	10,690	245	8,043		6,667	199	58		41:
9771	630	8,856	79	7,566	161	6,068	311	77	⁵ 150	44

Economics, Statistics, and Cooperatives Service -- Economics. Compiled from reports of the U.S. Department of Commerce.

Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning Scptember for grapefruit; year beginning July for limes.
 Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box (imes, 80 pounds per box tangerines, 90 pounds per box or box; lowers on the following basis: Oranges and tangerines, 84 pounds per box; grapefruit and limes, 76 pounds per box lemons, 79 pounds per box. Beginning 1964, oranges, tangerines, lemons, and limes reported separately.
 Less than 500 boxes.
 Beginning 1977, tangerines reported separately.

Table 329.—Citrus fruits: International trade, 1975-77

THE	19	775	19	76	· 19	דדו
Continent and country	Exports	Imports	Exporta	Imports	Exporta	Importa
North America: Canada Trinidad and Tobago United States	Metric tons 659 480,901	Metric tons 236,051 28,124	Metric tons 872 461,142	Metric tone 311,780 27,242	Metric tons 200 410,141	Metric tons 340,692 38,847
Total	481,560	264,175	462,014	338,992	410,341	379,539
South America: Argentina Brazil Total	5,470 74,297 79,767	2,866	17,376 38,229 55,606	******	30,307 35,947 66,254	************
	10,101	2,000	00,000	******	00,204	*********
Europe: Austria Belgium and Luxembourg Denmark Finland France Germany, Fed. Rep. of Greece Ireland Italy Netherlands Norway Spain Sweden Switzerland United Kingdom Yugoslavia Total	188 19,432 2,953 18,621 13,125 169,108 153,680 68,679 1,509,625 6,262 34	103,862 188,920 41,221 85,407 798,732 815,444 21,584 21,584 12 362,279 63,367 111,036 103,819 418,301 73,172	18 19,400 2,965 20,661 14,284 215,999 48,197 1,526,409 4,445 392	102,783 190,770 33,085 77,851 839,052 619,403 21,379 62,851 115,610 107,157 83,154	12 18,216 2,198 24,983 16,255 271,791 51,571 1,468,657 4,685 110	107,835 196,538 41,148 870,877 860,153 23,054 37 356,900 64,044 116,622 105,576 97,221 2,838,008
Africa: Algeria Morocco	444,783		75,542 520,565		550,645	******
South Africa	304,030 23,128		316,164	******	300,549	********
Total	771,941		912,271		851,194	
Asia: Cyprus Hong Kong Israel and Palestine Japan Turkey	18,728	144,514 22,116	26,554 11,816 682,595 19,877	137,002 24,401	29,436 6,497 639,695 20,876	143,613 22,496
Total	738,700	166,630	710,842	161,403	696,504	166,112
Oceania: Australia	15,280		11,059	******	20,507	
Grand total	4,048,955	3,620,827	4,004,611	3,312,760	3,903,278	3,383,656
North America: Canada Trinidad and Tobago United States	343 251,477	85,491 3,926	495 290,521	95,682	324 266,577	80,323
Total	251,820	89,417	291.016	102,202	266,901	88.233

See footnotes at end of table.

FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1979

Table 329. - Citrus fruits: International trade, 1975-1977 - Continued

	19	775	19	76	19	777
Continent and country	Exports	Imports	Exports	Imports	Exports	Imports
GRAFFRUIT — continued South America: Argentina Brazil	Metric tone 10,355 475	Metric tone	Metric tone 12,200 852	Metric tone	Metric tons 17,103 28	Metric tone
Total	10,830		13,052	******	17,131	
Burope: Belgium and Luxembourg Denmark Finland France Germany, Fed. Rep. of Netherlands Sweden United Kingdom	2,376 129 690 1,563 21,651 430	17,667 3,070 7,129 91,564 104,575 44,198 6,718 104,731	2,889 187 1,891 2,958 29,794 489	19,208 3,584 5,766 100,017 115,382 63,123 7,335	3,226 41 805 2,585 31,759 227	18,458 3,597 99,228 118,145 58,204 7,007
Total	26,839	379,652	38,206	314,415	38,643	304,644
Africa: Algeria Morocco South Africa	637 62,128		1,166 1,125 59,449	******	1,323 54,768	*******
Total	62,765		61,740		56,091	*******
Cyprus	30,032 269,204		28,159 253,745		300,163	40,250
Total	299,236		281,904		300,163	40,250
Grand total	651,490	469,069	685,920	416,617	678,929	433,127
North America: Canada United States Total	180,453 180,453	19,059 11	222,672 222,672	18,900	234,036	18,966 166 19,131
Surope:	100,400	19,010	222,012	10,000	204,000	19,100
Austria Belgium Denmark Finland France Germany, Fed. Rep. of Greece Ireland Italy Netberlands Spain Sweden Switzerland United Kingdom Yugoslavia	3 1,454 222 926 1,205 92,927 257,769 9,269 89,979 478	24,604 19,826 6,631 3,746 102,128 116,649 1,495 21,151 7,560 17,064 38,135 37,321	1,259 216 1,748 1,287 270,819 7,687 161,208 374 32	26,746 21,766 7,468 3,848 115,090 125,806 1,478 20,339 7,380 18,140 40,901	1,076 153 1,988 2,172 216,206 7,069 157,839 19	25,632 20,176 6,925 111,897 1,496 18,963 7,091 15,533
Total	454,232	396,310	444,630	388.961	386,786	363,772
Africa: Morocco South Africa	267 13,993		244 13.547	****	251 15,048	
Total	14,260		13,791		15,299	

See footnotes at end of table.

Table 329.—Citrus fruits: International trade, 1975-77—Continued

Continent and country	15	775	19	76	1977		
Continent and country	Exports	Importa	Exports	Importa	Exports	Importa	
Asia: Cyprus Larael and Palestine Japan Turkey	Metric tons 8,203 19,809 65,468	Metric tons 64,051	Metric tons 6,644 18,872	Metric tons 92,768	Metric tons 9,664 17,414	Metric tons	
Total	93,480	64,051	25,516	92,768	27,078	104,684	
Grand total	742,425	479,431	706,609	500,629	663,199	487,580	

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 330.—Dates: Production, season average price per ton, and value, California, 1964-78

Year	Produc- tion	Price 1	Value	Year	Produc- tion	Price 1	Value
1964 1965 1966 1967 1967 1968 1969 1970	Tons 24,300 21,000 21,300 20,800 23,000 16,500 18,200 19,500	Dollars 148 164 144 151 164 154 149 159	1,000 dollars 3,596 3,444 3,067 3,141 3,772 2,541 2,712 3,101	1972 1973 1974 1974 1975 1978 1978 1977	Tons 15,700 23,100 22,700 24,800 22,400 25,400 24,650	Dollars 173 198 222 298 346 338 447	1,000 dollars 2,71 4,57 5,03 7,38 7,78 8,56 11,01

¹ Equivalent returns per ton for bulk fruit at the first delivery point. Quantities processed are priced at the equivalent processing plant door level.

² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 331.—Dates: Foreign trade, United States, 1964-77

Ye	ear beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports	
1964 1965 1966 1967 1968		14,540	1969 1970 1971 1971 1972		1974 1975 1976 ¹ 1977 ¹	Tons 12,44: 19,42: 18,49: 18,22:	

¹ Year beginning October.

87 9947 4

50 50

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 332.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1964-781

Year	Area harvested	Yield per acre ³	Total production ³	Utilized production	Price*	Value	Quantities processed 8
	Acres	Barrels ⁶	Barrels*	Barrels*	Dollars	1.000 dollars	Barrels*
1964	20,620	64.2	1.324.500	1.324.500	14.40	19,109	842,60
965	20,640	68.9	1.422,800	1,422,800	15.50	22,072	978.30
966	20,560	76.4	1.571.600	1.571.600	15.20	23.841	1.160.60
967	21.020	66.8	1.404.300	1.404.300	14.80	20,794	1.034.40
968	21,235	69.1	1.466,800	1,466,800	15.40	22,537	1,108,50
969	21,285	85.7	1.823,100	1.823,100	15.50	28,241	1.412.60
970	21,745	93.7	2.036,600	1.844,600	10.70	19.675	1,400,00
971	22,410	101.1	2,264,800	1,639,800	10.70	17,599	1,158,80
972	22,590	92.0	2,078,000	2.078,000	12.50	26,021	1,567,10
973	23,100	90.9	2,100,300	2,100,300	13.50	28,384	1.470.20
974	23,400	95.6	2.236,000	2.236,000	11.00	24,715	1,486,70
975	23,300	89.1	2,075,100	2.075,100	13.10	27,112	1.444.20
976	23,080	104.3	2,407,300	2,407,300	13.50	32,424	1,755,50
977	22.540	93.3	2.102.200	2.102.200	18.10	38,154	1.454.00
9787	23,160	106.2	2,458,500	2,458,500	21.50	52,903	1,917,70

Table 333.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1976-78

State	An	ea harve	sted	Yield per acre			Total production			Price 2 for crop of —		
State	1976	1977	1978 1	1976	1977	19781	1976	1977	19781	1976	1977	19781
Mass N.J Oreg Wash	Acres 11,200 3,100 880 1,100 6,800	Acres 11,200 3,000 840 1,100 6,400	Acres 11,200 3,000 860 1,100 7,000	Bbl. 2 83.5 89.0 101.5 93.6 147.6	Bbi. 3 78.1 52.3 95.5 123.6 133.4	Bbl. ³ 105.4 74.3 109.9 126.4 117.4	Bbl. 9 935,000 276,000 89,300 103,000 1,004,000	Bbl. ³ 875,000 157,000 80,200 136,000 854,000	Bbl. ³ 1,180,000 223,000 94,500 139,000 822,000	Dollars 13.40 13.50 13.60 13.60 13.50	Dollars 17.70 18.80 18.90 18.90 18.30	Dollars 21.60 21.70 21.70 21.70 21.30
U.S	23,080	22,540	23,160	104.3	93.3	106.2	2,407,300	2,102,200	2,458,500	13.50	18.10	21.5

<sup>Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.
Derived from total production.
Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.

Equivalent returns for fruit at the first receiving station.
Mainly for canning.
Barrels of 100 pounds.
Preliminary.</sup>

Preliminary.
 Average price of utilized production.
 Barrels of 100 pounds.

Table 334.—Figs: Production, season average price per ton, and value, California, 1964-78

		Dri	ed (dry b	asis)		Fresh and canned			Total		
Year	1	Production	n			Produc-		ĦΒ	Produc-		
	Total	Stand- ard	Sub stand- ard	Price	Value	tion (fresh basis)	Price 1	Value	tion (fresh basis) ²	Price 1	Value
1964	Tons 19,000 18,400 20,600 12,200 15,800 17,690 14,070 13,440 11,050 12,420 11,610 10,070 12,700	Tons 16,800 14,500 18,400 10,900 13,000 14,370 10,370 8,950 11,220 11,430 8,840 7,000 11,000	Tons 2,200 3,900 2,200 1,300 2,800 3,320 1,790 2,100 1,200 1,770 2,770 3,070 1,700	Dollars 237.00 191.00 188.00 212.00 204.00 203.00 389.00 680.00 585.00 585.00 586.00	1,000 dollars 4,503 3,514 3,873 2,562 3,350 3,609 3,081 2,728 4,298 4,298 4,246 6,792 5,257 11,036	Tons 10,000 6,000 6,000 5,600 4,200 5,430 7,390 5,280 3,250 4,340 5,000 3,170 1,900 3,400	Dollars 181.00 179.00 182.00 200.00 271.00 276.00 230.00 258.00 267.00 284.00 236.00 271.00	1,000 dollars 1,810 1,074 1,092 1,120 1,138 1,499 2,040 1,214 839 1,159 1,420 748 515 515	Tons 67,000 61,200 67,200 51,600 51,600 49,600 45,600 36,400 41,600 38,000 32,100 41,500	Dollars 94.20 75.00 87.30 87.30 87.30 87.30 103.00 86.50 141.00 231.00 233.00 198.00 180.00	1,000 dollars 6,313 4,586 4,966 3,685 4,488 5,107 5,108 3,944 5,133 9,616 10,392 7,522 5,777 12,244

¹ Equivalent returns per ton for bulk fruit at the first delivery point for fresh sales. Quantities processed are priced at the equivalent processing plant door level.

² Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Table 335.—Figs, dried: Foreign trade, United States, 1964-77

Year beginning July	Imports for con- sumption	Domestic exports	Year beginning July	Imports for con- sumption	Domestic exports	Year beginning July	Imports for con- sumption	Domestic exports
1964	Tons 2,471 1,807 1,677 1,385 2,341	845 919	1969	Tons 1,253 1,731 1,472 2,037 1,561	Tons 810 1,185 1,423 937 1,444	1974	Tons 1,246 1,954 3,540 3,713	Tons 816 1,104 784 1,444

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of Commerce.

Table 336. - Grapes: Production, value, and raisin production, United States, 1964-78

		Gr	ipes					Gr	pes		
Year	(trest Danis)		Season average Valu	Value	Raisins, produc- tion (Cali-	Year	Production (fresh basis)		Season average	Value	Raisina, produc- tion (Cali-
	Total	Utilized	price per ton 1	n E	fornia)2		Total	Utilized	price per ton 1		formia)3
1964	1,000 tons 3,478 4,351 3,734 3,069 3,549 3,898 3,103 3,994	1,000 tons 3,478 4,326 3,733 3,062 3,549 3,898 3,103 3,994	Dellars 62.90 45.10 55.60 69.30 66.60 72.50 94.20 96.00	1,000 dollars 218,658 196,084 207,706 212,319 236,374 282,514 292,263 383,267	1,000 tons 231 270 280 181 264 251 193 194	1972 1973 1974 1975 1976 1977 1978	1,000 tons 2,579 4,196 4,199 4,366 4,398 4,298 4,567	1,000 tons 2,579 4,198 4,199 4,365 4,093 4,296 4,318	142.00 155.00 194.00	1,000 dollars 426,238 681,675 582,289 618,178 635,570 834,794 997,213	1,000 tons 108 224 243 283 283 248 225

¹Fresh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

²Dried basis; 1 ton of raisins equivalent to about 4-4.5 tons of fresh grapes. Excludes table varieties dried.

³Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 337.—Grapes: Production and season average price per ton, by States, 1976-78

0	To	tal producti	ion	Util	ized produc	tion	Price	2 for crop	of—
State	1976	1977	19781	1976	1977	19781	. 1976	1977	19781
Ariz	Tons 12,400 6,500	Tons 11,000 9,600	Tons 14,300 8,200	Tons 12,400 6,500	Tons 11,000 9,600	Tons 14,300 8,200	Dollars 725.00 169.00	Dollars 955.00 232.00	Dollars 943.00 247.00
All varieties ³	3,978,00	3,986,000	4.017.000	3,685,000	3,986,000	3,769,000	152.00	190.00	229.00
Wine varieties	1,323,000	1,563,000	1,706,000	1,323,000	1,563,000	1,706,000	136.00	175.00	210.00
Table varieties .	405,000	488,000	393,000	405,000	488,000	393,000	217.00	269.00	342.00
Raisin varieties 4	2,250,000	1.935,000	1.918,000	1,957,000	1,935,000	1,670,000	150.00	183.00	222.00
Dried ⁵	283,000	248,300	228,500	218,000	248,300	172,200	706.00	840.00	1,001.00
Not dried	976,000	803,000	912,000	976,000	803,000	912,000	143.00	180.00	217.00
Mich	14,500	33,000	67,500	14,500	33,000	67,500	153.00	216.00	206.00
Mo	1,750	3,850	3,300	1,750	3,850	3,300	228.00	213.00	231.00
N.J.*	750	1,100		750	1,100		210.00	233.00	
N.Y	185,000	101,000	188,000	173,500	101,000	188,000	181.00	234.00	245.00
N.C	4,580	4,650	6,800	4,080	3,700	5,900	266.00	320.00	300.00
Ohio	15,000	7,100	12,000	14,700	7,000	12,000	183.00	225.00	223.00
Pa	59,000	30,000	57,500	59,000	29,650	57,500	168.00	231.00	232.00
Wash	115,900	105,600	187,000	115,900	105,600	187,000	132.00	205.00	209.00
Other States 6	4,950	4,850	5,100	4,900	4,700	5,100	209.00	225.00	228.00
U.S	4,398,330	4,297,750	4,566,700	4,092,980	4,296,200	4,317,800	155.00	194.00	231.00

¹ Presiminary.

² Presh fruit prices are equivalent packinghouse-door returns for Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

³ Price derived from unrounded data.

⁴ Presh equivalent of dried and not dried.

⁵ Dried basis; 1 ton of raisins is equivalent to 4.50 tons of fresh grapes for 1976, 4.56 tons for 1977, and 4.40 tons for 1978.

1978.

Georgia and South Carolina.
Estimates discontinued after 1977 crop.

Table 338.—Grapes: Production and utilization, United States, 1964-78

			-	Utilization of quantities sold						
Crop of—	Total produc-	Utilized produc-	-	Processed (fresh basis)						
	tion	tion	Fresh 1	Canned	Dried	Crushed for wine	Crushed for juice, etc. ²			
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976	70ns 3,478,000 4,351,260 4,351,260 3,039,040 3,549,040 3,897,510 3,103,330 4,984,420 2,578,650 4,198,350 4,198,350 4,198,350 4,586,330 4,297,780 4,566,700	Tons 3,478,000 4,325,960 4,325,960 3,062,190 3,549,040 3,997,510 3,103,330 3,994,420 2,578,650 4,198,350 4,198,350 4,198,960 4,962,960 4,317,800	Tons 551,883 599,874 597,350 466,750 557,967 561,963 399,006 392,850 358,895 405,805 434,490 496,190 466,330 481,350 437,250	Tons 60,000 54,900 62,000 64,000 66,300 83,700 58,400 50,500 61,200 52,700 48,000 54,000 55,000	Tons 1,034,800 1,297,000 1,185,700 751,800 1,111,100 1,010,200 821,800 437,400 969,300 1,023,800 1,023,800 1,23,400 982,500 1,134,000 759,000	7brs 1,831,317 1,831,317 1,831,317 1,888,290 1,789,640 1,815,97 2,054,155 1,583,229 2,309,740 1,520,190 2,567,328 2,415,711 2,275,480 2,321,710 2,411,500 2,471,450	204,8t 254,5t 337,7: 211,9 263,5, 286,5,3 274,4 215,3			

Includes "Home use."

2 Mostly juice, but includes some quantities used for jam, jelly, etc. Prior to 1969, these quantities included with ine. ³Some quantities canned are included in "Crushed for wine" to avoid disclosure of individual operations. ⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 339.—Grapes: Production and utilization, by States, crop of 1978 (preliminary)

					Utilization			
	Total	Utilized		Processed (fresh basis)				
State	production	production	Fresh ¹			Crushed for -		
Jan 1	ik takyi	A-TIME		Canned	Dried	Wine	Juice, etc.	
Ariz	Tons 14,300	Tons 14,300	Tons 14,300	Tons	Tons	Tons	Tons	
All varieties	4,017,000 1,706,000 393,000	3,769,000 1,706,000 393,000	412,000 65,000 192,000	55,000	759,000	2,543,000 1,641,000 200,000	*******	
Raisin varieties	1,918,000 67,500	1,670,000 67,500	155,000 2,100	55,000	² 758,000	702,000 4,200	61,200	
Ohio	188,000 12,000 57,500	188,000 12,000 57,500	2,700 500 1,300			88,600 (3) 13,900	96,700 9,200 42,300	
Wash Other States 4	187,000 23,400	187,000 22,500	600 3,750			9,400 12,350	177,000 8,700	
U.S	4,566,700	4,317,800	437,250	55,000	789,000	2,671,450	395,100	

¹ Includes "Home use"
² Equivalent raisins produced (dried basis): 228,500 tons.
³ Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. total.
⁴ Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Table 340.—Raisins and currants: United States exports by country of destination, 1975-77

Control to the standard	Year beg	rinning S	eptember		Year beg	rinning Se	eptember
Country of destination	1975	1976	1977	Country of destination	1975	1976	1977
Europe: Austria Belgium and Luxembourg Denmark Finland France Germany, Fed. Rep. of Iceland Ireland Netherlands	Metric tons 37 1,124 2,533 3,096 407 2,489 188 125 2,186	Metric tons 17 742 1,966 2,665 152 1,444 40 38	Metric tons 92 1,424 2,374 2,113 734 3,372 151 51 2,050	Bermuda and Caribbean: Bahamas Bermuda Dominican Republic Haiti Jamaica Netherlands Antilles Trinidad and Tobago Other countries	Metric tons 64 59 125 4 53 67 42 6	Metric tons 42 98 81 8 9 58 19 4	Metric tons 62 41 100 16 2 81 43 33
Norway Sweden	2,178 3,772	1,094	1,684	Total	420	319	378
Switzerland	838 7,859 56 26,888	2,599 38 15,268	797 2,394 30 20,428	Other countries: Canada China, Taiwan Hong Kong Indonesia Japan	8,660 1,432 458 48 21,574	6,141 236 163 52 11,483	7,206 1,280 400 77 16,917
Latin America: Bolivia Brazil Colombia Costa Rica Ecuador El Salvador Guatemala Honduras Mexico Nicaragua Panama Venezuela Other countries	1 159 16 21 109 12 50 31 388 29 176 985 41	13 1 110 13 77 26 45 8 59 21 97 791	22 224 235 27 140 16 64 39 131 36 185 1,291	Korea, Rep. of Malaysia New Zealand Philippines Saudi Arabia Singapore Soviet Union Thailand Other countries Total Grand total	2967 298 1,481 184 17 902 91 137 35,549 64,875	86 226 594 60 78 259 151 70 19,599	266 350 873 111 50 464 1,486 142 348 29,972
Total	2.018	1.269	2.459	all the said		7 10	MAGT

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 341.—Grapes and raisins: Foreign trade, United States, 1964-77

	Grapes		Raisins 3			Grapes		Raisins 1	
Year	Imports, fresh	Domestic exports, fresh	Imports for con- sumption	Domestic exports	Year	Imports, fresh	Domestic exports, fresh	Imports for con- sumption	Domestic exports
1964	Tons 25,732 28,125 15,502 23,274 15,884 16,358 22,231	Tens 101,106 131,247 125,173 113,757 119,023 143,975 114,298	Tons 156 167 229 1,003 1,290 1,006 1,112	Tons 60,005 76,238 71,849 74,732 77,742 80,986 67,448	1971 1972 1973 1974 1975 1976 ² 1977 ²	Tons 12,699 9,859 14,983 21,202 23,975 33,520 30,968	Tons 140,649 103,016 114,112 116,056 120,620 98,801 112,605	Tons 3,524 3,291 1,380 28 326 13,143 1,100	Tons 80,07- 25,24 53,81' 59,77: 71,510 40,82 62,68

¹Raisins converted to sweatbox or production basis by multiplying by 1.08.

²Year beginning October for both grapes and raisins. Prior to 1976, year beginning July for grapes; September for raisins.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 342. - Nectarines: Production, utilization, and value, California, 1964-78

0	P-1-1-1	Utilizat quantiti		Season	Value	
Crop of —	Production 1	Fresh ²	Processed (fresh basis)	price per ton 3	Value	
	The state of the s	7	-	Dellara	1,000 dollars	
1964	Tons 75,000	Tons 73,200	Tons	Dollars		
1965	464,800	63,700	1,800 1,100	94.50 86.00	7,088 5,571	
1966	68,000	67,200	800	142.00	9,656	
1967	55,000	54,300	700	157.00	8.634	
968	64,000	63,100	900	147.00	8,630 9,400 9,240	
1969	66,000	65,000	1.000	140.00	9.24	
1970	66,500	65,300	1,000 1,200	152.00	10.10	
1971	70,000	69,100	900	155.00	10.850	
1972	87,000	86,400	600	177.00	15.396	
1973	86,500	85,600	900	255.00	22.058	
1974	117,000	115,600	1.400	228.00	26,676	
1975	111,000	110,000	1,000 500	275.00	30,525	
1976	128,000	127,500	500	245.00	31,360	
1977	155,000	155,000		205.00	10,106 10,850 18,396 22,056 28,052 30,522 31,360 31,770	
19785	148,000	144,700	3,300	310.00	45,880	

Production is the quantity sold or utilized.

Includes "Home use".

Presh fruit prices are equivalent returns at first delivery point. Processing fruit prices are equivalent returns at recessing plant door.

Excludes 2.200 tons not harvested for 1965.

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 343.—Olives: Production, value, and utilization, California, 1964-78

		Season			Utilization	
Year	Production 1	price per ton 2	Value	Crushed for oil ³	Canned	Other 4
			1,000			
	Tons	Dollars	dollars	Tons	Tons	Tons
964	54,000	139.00	7,506	6,200	37,500	9,400
965	50,000	219.00	10,950	4,300	37,800	7,300
966	63,000	241.00	15,183	4,800	45,500	11,900
967	14,000	384.00	5,376	1,470	10,230	2,000
968	86,000	368.00	31,648	4,600	62,800	18,000 12,500
1969	70,000	329.00	23,030	5,200	51,700	12,500
970	52,000	247.00	12,844	4,100	39,200	8,100
971	55,000	148.00	8,140	4,900	39,600	9,800
1972	24,200	415.00	10,043	700	20,000	3,300
973	70,000	392.00	27,440	4,300	54,300	10,700
1974	58,500	434.00	25,389	3,100	46,700	7,800
1975	67,000	336.00	22,512	3,800	53,300	9,000
1976	80,000	330.00	26,400	3,700	65,500	10,200
1977	43,000	403.00	17,329	2,300	32,300	7,800
1978 *	126,000	184.00	23,184	6,500	98,900	19,500

¹ Production is the quantity sold or utilized.
²Quantities processed are priced at the equivalent processing plant door level.
³ About 40 gallons of oil are obtained from 1 ton of olives.
⁴ Includes Spanish, Greek, and Sicilian styles, and chopped, minced, brined, and other cures.
⁵ Preliminary.

Table 344. - Olives and olive oil: Foreign trade, United States, 1964-77

		Imp	orts				lmp	orta	
Year beginning July	Oti	ves	Olive oil		Year beginning July	Otives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
1964 1965 1966 1967 1968 1969	1,000 gallons 15,171 12,541 14,936 13,716 17,066 15,912 16,328	1,000 pounds 785 922 1,041 1,514 1,316 688 1,774	1,000 pounds 54,847 45,334 55,293 56,608 59,940 60,156 64,349	1,000 pounds 945 224 1,415 1,417 297 360 250	1971 1972 1973 1974 1975 1976 1977	1,000 guillons 16,499 17,440 16,738 14,079 15,323 15,481 17,809	1,000 pounds 1,363 1,181 1,518 1,173 643 1,485 1,071	1,000 pounds 67,577 57,703 52,923 48,427 59,232 56,288 59,456	1,000 pounds 334 261 25X 20X 125 186 141

¹ Year beginning October.

Economics, Statistics, and Cooperatives Service—Economics and Foreign Agricultural Service. Compiled from the reports of the U.S. Department of Commerce.

Table 345. - Peaches: Production and value, United States, 1964-78

Year	Total produc- tion	Utilized production	Season average price l	Value	Year	Total produc- tion	Utilized produc- tion	Season average price 1	Value
1964 1965 1967 1968 1969 1970	Million pounds 3,452.6 3,473.8 3,389.2 2,687.7 3,636.7 3,684.3 2,995.8 2,882.6	Million pounds 3,276,3 3,152,3 3,194,4 2,525,3 3,395,4 3,410,0 2,786,3 2,742,3	Cents per pound 4.60 4.42 5.13 6.26 5.29 5.23 6.04 6.07	1,000 dollars 150,736 139,282 163,788 158,025 179,705 178,246 168,315 166,587	1972 1973 1974 1975 1976 1977	Million pounds 2,371.5 2,590.9 2,917.2 2,838.9 3,020.0 2,963.0 2,701.0	Million pounds 2,249.5 2,412.7 2,756.3 2,648.9 2,642.4 2,852.2 2,561.0	Cents per pound 6.9 8.3 9.5 10.4 9.6 9.9 12.1	1,000 dollars 155,28 199,06 260,72 275,59 253,92 281,74 309,41

¹ Quantities processed are priced at the equivalent processing plant door level.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 346.—Peaches: Foreign trade, United States, 1964-77

V			Domesti	exports		
Year beginning July	Fresh	Dried ¹	Canned	Canned, in fruit salad ²	Dried, in fruit salad 1 3	Total, in terms of fresh *
	1,000 pounds	1,000 pounds	1,000 pounds	1.000 pounds	1,000 pounds	1.000 bushels
1964	20,089	1,018	236,595	67,980	1,313	7,086
1965		1,133	201,121	53,567	1,654	6,396
1966	26,813	1,260	229,094	61,157	1.142	6,884
1967	00.400	702	88,861	37,903	1.057	3,396
1968	38,115	267	114,887	44,792	826	4.94
1969		3,131	227,261	50,498	905	7.20
1970	38,813	4,335	168,151	34,785	712	5.62
1971		305	119,640	31,344	764	4,24° 7,200 5,62 4,300
1972	54,825	532	111,353	39,470	733	4,43
1973		393	127,934	46,290	713	4,95
1974	50,028	668	98,031	33,359	812	3,95
1975	62,730	449	96,621	32,059	853	4.13
19765	60,891	1,139	118,089	36,435	749	4,700
1977	65,059	(6)	181,333	38,038	860	5,93

See footnotes on page 237.

Table 347.—Peaches: Production and season average price per pound, 1976-78

State	To	tal producti	ion	Util	ized produc	tion	Pric	e I for crop	of-
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	Million	Million	Million	Million	Million	Million			
	pounds	pounds	pounds	pounds	pounds	pounds	Cents	Cents	Cents
Ala	14.0	10.0	15.0	14.0	10.0	15.0	15.3	14.9	16.6
Ark	72.0	40.0	37.0	41.1	39.0	36.0	11.6	11.3	12.5
Freestone	464.0	468.0	400.0	464.0	468.0	400.0	7.4	8.9	11.6
Colo	14.5	18.0	5.5	14.0	145	5.5	16.8	13.7	17.6
Conn	4.1	6.0	6.3	4.1	6.0	6.3	26.0	24.0	29.0
Del	1.6	2.4	2.3	1.6	2.4	2.3	17.0	12.5	10.5
Ga	200.0	90.0	120.0	140.0	90.0	120.0	12.0	15.3	15.6
Idaho	12.0	12.5	11.0	12.0	12.5	11.0	10.0	12.0	12.5
M	20.0	9.0	16.0	20.0	9.0	16.0	14.5	16.4	21.5
Ind	5.5	1.0	5.0	5.5	1.0	5.0	9.6	23.0	22.0
Kans	4.0	9.0	5.0	4.0	9.0	5.0	16.5	15.0	17.6
Ky	9.0	.1	11.0	9.0	.1	11.0	15.3	14.6	20.0
La	7.0	6.5	6.5	7.0	6.5	6.5	16.0	20.0	20.0
Md	18.0	21.0	24.0	18.0	21.0	24.0	13.3	13.5	13.2
Mass	3.3	3.5	3.5	3.3	3.5	3.5	26.0	22.0	29.0
Mich	40.0	55.0	60.0	40.0	55.0	60.0	14.1	15.6	16.0
Miss	5.0	4.0	4.0	5.0	4.0	4.0	15.0	17.0	20.0
Mo	22.5	11.0	14.0	22.5	11.0	14.0	18.8	20.0	16.0
N.J	80.0	110.0	70.0	75.0	110.0	70.0	16.2	17.0	23.6
N.Y	9.5	13.0	16.0	9.5	13.0	16.0	17.0	17.5	18.5
N.C	25.0	35.0	45.0	25.0	35.0	45.0	13.3	12.4	16.0
Ohio	15.0	3.0	5.0	15.0	3.0	5.0	18.7	23.5	23.7
Okla	8.0	10.0	8.5	8.0	9.5	8.5	14.0	11.5	14.3
Oreg	15.0	18.0	13.0	15.0	18.0	13.0	17.6	14.7	17.5
Pa	90.0	95.0	85.0	90.0	95.0	85.0	13.0	12.9	15.8
S.C	270.0	275.0	315.0	265.0	267.0	300.0	14.4	14.2	15.5
Tenn	8.0	8.0	8.4	8.0	8.0	8.4	13.5	13.0	16.0
Tex	17.0	48.0	40.0	16.0	46.0	37.0	18.0	14.0	17.0
Utah	18.0	18.0	15.0	17.8	17.5	15.0	12.7	12.6	17.0
Va	15.0	19.0	40.0	15.0	19.0	40.0	12.9	12.0	14.3
Wash	50.0	41.0	38.0	49.0	41.0	38.0	8.8	10.3	14.4
W.Va	15.0	15.0	25.0	15.0	14.7	25.0	14.4	14.5	17.8
Total above	1,522.0	1,475.0	1,470.0	1,448.4	1,459.2	1,451.0	- 11.8	12.6	15.1
Calif.:			-						
Clingstone ³	1,498.0	1,508.0	1,231.0	1,194.0	1,393,0	1,110.0	6.9	7.0	8.1
U.S	3.020.0	2.983.0	2,701.0	2.642.4	2.852.2	2.561.0	9.6	9.9	12.1

¹Preliminary. ²Quantities processed are priced at the equivalent processing plant door level. ³Mainly for canning. Total production includes culls and cannery diversions as follows (million pounds): 184.0 in 1976, 116.0 in 1977, and 121.0 in 1978.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 348.—Peaches, fresh: Production in specified countries, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	1978:
North America: Canada United States	1,000 metric tons 49.0 1,369.9	1,000 metric tons 42.8 1,353.1	1,000 metric tons 42.9 1,225.2	Asia: Japan	1,000 metric tons 267.1 192.0	1,000 metric tons 273.2 185.0	1,000 metric tons 295.1 190.0
Total	1,418.9	1,395.9	1,268.1	Total	459.1	458.2	485.1
Europe: Austria France Germany, Fed. Rep. of Greece Italy Spain Yugoslavia	8.0 522.0 17.1 333.0 1,447.5 447.0 83.2	5.2 325.0 12.0 342.0 1,183.0 195.5 72.1	9.2 412.0 35.7 356.0 1,150.0 450.0 70.0	Southern Hemisphere: Argentina Australia Chile New Zesland South Africa Total	287.0 79.1 115.0 23.5 176.6 681.2	283.0 66.3 126.3 22.6 175.2 673.4	250.0 61.3 130.3 17.2 155.0
Total	2,857.8	2,134.8	2,482.9	Total specified countries	5,417.0	4,662.3	4,849.9

Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 349.—Peaches: Production and utilization, United States, 1964-78

				Utilization of quantities sold							
	Crop of-	Total produc- tion	Utilized produc - tion	Fresh 1	Processed (fresh basis)						
				Fresh.	Canned ²	Dried	Frozen	Other ³			
	1 (11.00)	Million	Million	Million	Million	Million	Million	Million			
	1.547.171	pounds	pounds	pounds	pounds	pounds	pounds	pounds			
1964	**********	3,452.6	3,276.3	1,151.2	1,939.6	67.4	106.9	11.2			
1965	**********	3,473.8	3,152.3	1,338.5	1,646.7	70.6	82.3	14.3			
1966		3,389.2	3,194.4	1,222.7	1,828.6	44.0	88.2	10.9			
1967		2,687.7	2,525.3	966.8	1,413.4	25.5	96.9	22.7			
1968	*********	3,636.7	3,395.4	1,338.8	1,874.6	36.6	109.6	35.8			
1969	**********	3,684.3	3,410.0	1,384.8	1,876.3	56.2	64.2	28.8			
1970		2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1			
1971		2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1			
1972		2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5			
1973		2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.5			
1974		2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6			
1975		2,838.9	2,648.9	1,102.9	1,432.0	38.0	52.7	23.1			
1976		3,020.0	2,642.4	1,151.9	1,326.3	30.0	109.8	24.4			
1977		2,983.0 2,701.0	2,852.2 2,561.0	1,170.5 1,180.5	1,504.7 1,231.8	42.0 35.0	109.8	25.2			

¹ Includes "Home use."

² Includes some quantities frozen and otherwise processed prior to 1969.

³ Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 350.—Peaches: Production and utilitzation, by States, crop of 1978 (preliminary)

State		Utilized production	Utilization						
	Total production		Fresh ¹	Processed (fresh basis)					
				Canned	Dried	Frezen	Other ²		
Calif., all Clingstone Freestone Ga NJ Pa SC Wash Other States *	Million pounds 1631.0 1231.0 400.0 120.0 70.0 85.0 315.0 38.0 442.0	Million pounds 1,510.0 1,110.0 400.0 120.0 70.0 85.0 300.0 38.0 438.0	Million pounds 234.0 4.0 230.0 98.9 (3) 70.4 270.0 (3) 507.2	Million pounds 1,160.0 1,095.0 65.0 (3) (3) (3) (3) (3) (3) (3) 48.4	Million pounds 35.0	Million pounds (3) (3) (3) (3) (3)	Million pounds 11.0 11.0 (3) (3) (3) (3) (3) (3) (3)		
U.S	2,701.0	2,561.0	1,180.5	1,231.8	35.0	69.8	43.9		

¹ Includes "Home Use."
² Used for jams, preserves, brandy, etc.
³ Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.
⁴ Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Table 351.—Peaches, canned: United States exports by country of destination, 1975-1977

Country of destination	Year	beginning	g June		Year beginning June			
	1975	1976	1977	Country of destination	1975	1976	1977	
Europe: Austria Belgium and Luxembourg Denmark Finland France	1,000 cases 4 42 71 18 36 39	1000 cases / 36 94 11 25 4	1000 cases 1 53 46 15 34	Bermuda and Carribean: Bahamas Bermuda Netherlands Antilles Other countries	1000 cases 1 6 9 4 6	1000 cases ¹ 1 8 4 3	1000 cases / 1 4 3 3	
Germany, Fed. Rep. of Netherlands	958	332 98	1009	Total	25	16	11	
Norway Sweden Switzerland United Kingdom Other countries	84 32 86 14 8 24	43 92 29 3	56 68 48 116 3	Other countries: Canada China, Taiwan Hong Kong Japan Kuwait	1054 20 13 170	1,030 20 17 557	1,085 36 21 705 5	
Total	712	767	1554	Saudi Arabia	5 7	18 20	27 20 43	
Latin America: Panama	12	22	27	Other countries	30	37	43	
Peru	6 3	4	2	Total	1302	1,713	1,942	
Other countries	17	20	21	Grand total	2,077	2,542	3,587	
Total	38	46	50	100 100 100 100				

¹ Equivalent cases, 45-pound net weight.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 352. - Pears: Production and value, United States, 1964-78

Year	Total produc- tion	Utilized produc- tion	Season average price	Value	Year	Total produc- tion	Utilized produc- tion	Season average price	Value
1964 1965 1966 1967 1968 1969 1970	70ns 728,470 499,850 748,170 463,880 624,140 726,620 548,805 749,070	Tuns 718,565 496,225 720,915 452,780 617,680 711,570 538,780 707,220	Dollars per ton 92.30 132.00 87.80 164.00 135.00 101.00 133.00 94.50	1,000 dollars 66,359 65,550 63,273 74,073 83,462 71,815 71,655 66,810	1972 1973 1974 1975 1976 1977	Tons 612,100 730,420 741,720 749,300 840,600 786,600 726,800	Tons 608,680 725,840 740,660 743,000 820,600 784,500 726,800	Dellars per toe 139.00 138.00 169.00 143.00 124.00 146.00 219.00	1,000 dollars 84,42 100,10 125,38 106,99 102,06 114,74 159,43

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 346

¹Net processed weight. ²Canned peaches are 40 percent of total canned fruit for salad. ³Dried peaches are 21 percent of total dried fruit for salad. ⁴Reginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08 (1.07 prior to June 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh (6.5 prior to June 1965). Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh; 48 pounds fresh equals 1 bushel. ⁵Year beginning October. ⁸Not available.

Economics, Statistics, and Cooperatives Service -- Economics. Compiled from reports of the U.S. Department of Commerce.

Table 353.—Pears: Production and season average price per ton, by States, 1976-78

Variety and State	To	Total prodution			Utilized production			Price ² for crop of—		
	1976	1977	19781	1976	1977	19781	1976	1977	19781	
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	
Calif., all	373,500	334,600	288,300	353,500	334,600	288,300	125	135	221	
Bartlett	365,000	326,000	281,000	345,000	326,000	281,000	124	134	219	
Other	8,500	8,600	7,300	8,500	8,600	7,300	148	165	278	
Colo	6,400	6,900	1,700	6,400	6,000	1,700	124	169	201	
Conn	700	1,600	1,900	700	1,500	1,900	420	375	410	
Idaho ³	2,000	1,800	******	2,000	1,800	******	235 224	200		
Mich	7,000	12,000	13,000	7,000	12,000	13,000	224	230	200	
N.Y	8,000	16,000	18,500	8,000	16,000	18,500	191	183	200	
Oreg., all	200,000	180,000	151,500	200,000	179,000	151,500	119	138	22	
Bartlett	75,000	80,000	55,500	75,000	79,000	55,500	101	102	190	
Other	125,000	100,000	96,000	125,000	100,000	96,000	129	166	23° 286	
Pa	3,700	4,700	3,300	3,700	4,700	3,300	232	252	286	
Utah	5,300	5,000	2,600	5,300	4,900	2,600	183	240	354	
Wash., all	234,000	224,000	245,000	234,000	224,000	246,000	119	156	21	
Bartlett Other	140,000	138,000	132,000	140,000	138,000	132,000	117	124	200	
Other	94,000	86,000	114,000	94,000	86,000	114,000	122	206	226	
U.S	840,600	786,600	726,800	820,600	784,500	726,800	124	146	215	

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Crop \ Reporting \ Board.}$

Table 354.—Pears, fresh (dessert and cooking): Production in specified countries, 1976-781

Continent and country	1976	1977	19782	Continent and country .	1976	1977	19782
North America: Canada ³ Mexico United States ³	1,000 metric tons 29 45 763	1,000 metric tons 39 46 714	1,000 metric tons 37 46 660	Europe — Continued Switzerland 34 Yugoslavia	1,000 metric tons 21 105	1,000 metric tons 20 112	1,000 metric tons 20 90
Total	837	799	743	Total Other Europe	787	529	689
	601	100	140	Total Europe	3,435	2.428	2.758
Europe:					0,100	2,120	2,100
Belgium and Luxembourg Denmark ³ France Germany, Fed. Rep. of	76 8 464 388	47 8 280 253	66 7 362 374	Asia: Japan	506 255	531 260	557 250
Italy	1,523	1,186	1,140	Total	761	791	807
Netherlands	130	90 35	95 25	C			
Total EC	2,648	1,899	2,069	Southern Hemisphere: Argentina Australia Chile	123 140 25	160 105 41	150 112 38
Other Europe:	44	44	45	New Zealand	14 119	12 142	14 112
Greece Norway	108 12	110	81 11	Total	421	460	426
Spain Sweden 3	489 8	231	437 5	Total specified countries	5,454	4,478	4,734

¹May include some cider varieties in countries not reporting separately. ²Preliminary. ³Commercial crop. ⁴Excludes cider pears reported separately.

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ³ Estimates discontinued after, 1977 crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 355. - Pears, western: Average auction price per box, all grades, New York, 1964-78

Crop year	Bartiett	Flemish Beauty	Comice	Bose	D'Anjou	Winter Nelis	Weighted average ¹
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
964		3.05	5.42	5.31	5.58	4.61	5.36
965	8.12	3.56	5.89	6.74	5.63	3.59	6.68
966	5.37	3.27	5.08	6.38	5.04	3.87	5.46
967	7.86	4.54	6.47	7.37	6.12		6.83
968	7.78	4.94	7.96	8.64	6.49	4.12	7.83
969		4.52	5.35	6.24	5.86	4.34	5.79
970		4.58	7.72	9.49	6.49	4.79	7.6
971			6.34	6.70	6.23	-	6.2
972			7.83	8.46	8.60	5.26	8.17
973			7.83	7.13	7.75	5.28	7.6
974			8.80	9.78	7.15	5.92	8.2
0.00			8.50	8.27	7.84	3.65	
040			8.56	10.41			7.78
OMM	7.04	******		10.41	7.26	4.68	8.13
9782	0.40	*******	10.55	11.78 8.85	11.65 9.84	******	9.3

¹ Includes all varieties of western pears sold on New York auction market.

² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

Table 356.—Pears: Foreign trade, United States, 1964-77

Year beginning July		Domestic exports								
	Imports for comsump- tion, fresh	Fresh 1	Canned	Dried 1	Dried, in fruit salad 12	Canned, in fruit salad ³	Total, in terms of fresh fruit ⁴			
	1,000	1.000	1.000	1.000	1.000	1.000	2.000			
	pounds	pounds	pounds	pounds	pounds	pounds	bushels			
1964	11,148	57,029	7.542	356	1.042	59,482	2.90			
1965	6,890	69,779	5,725	562	1,313	46,871	2,69			
1966	15,109	67,655	7,184	426	906	53,512	2.74			
1967	26,469	51,190	3.375	205	839	33,165	1,89 1,74			
1968	30,995	36,742	4.547	369	656	39,193	1.74			
1969	23,582	67,999	4,155	380	718	44,186	2,47 1,82			
1970	37,456	41,455	13,445	311 377	565	30,437	1.82			
1971	16,403	56,304	9,295	377	607	27,426	1,98			
1972	33,598	53,602	10.263	750	582	34,536	2.14			
1973	18,479	86,277	11.879	243	656	40,503	2,14 2,89			
1974	18,539	76.320	6,335	215	644	29,189	2.32			
1975	15,606	74,767	7.864	571	677	28,052	2,32 2,37			
19768	9,476	60,602	7,864 7,380	628	595	31,881	2.15			
19778	12,732	71,538	9,524	(8)	683	32,128	2,15 2,34			

¹Net processed weight.
²Dried pears are 16²/2 percent of total dried fruit for salad.
³Canned pears are 35 percent of total canned fruit for salad.
⁴Beginning June 1965, canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh 1.2 prior to June 1965; dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh (5.5 prior to June 1965); 50 pounds fresh equals 1 bushel.
⁸Year beginning October.
⁸Not available.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 357.—Pears: International trade, 1975-77

	19	975	19	776	1977		
Continent and country	Exporta	Imports	Exports	Imports	Exports	Imports	
North America: Canada United States		Metric tons 23,734 7,483	Metric tons 76 32,892	Metric tons 29,442 7,402	Metric tons 651 35,090	Metric tons 23,004 4,276	
Total	34,110	31,217	32,968	36,844	35,741	27,280	
South America: Argentina Brazil Chile		29,968	47,872 12,136	39,995	68,500 9,054	60,000	
Total	41,739	29,968	60,008	39,995	77,554	60,000	
Europe: Austria Belguim and Luxembourg Denmark Finland France Germany, Fed. Rep. of Ireland Italy Netherlands Norway Sweden United Kingdom Yugoslavia	20,770 582 40,141 3,400 238,345 35,887 565	16,679 18,406 5,076 9,434 56,933 162,285 3,405 4,873 23,354 8,112 22,091 50,635	2,012 13,382 329 44,880 3,925 204,733 34,435 589	22,591 17,644 6,275 7,907 54,060 162,128 3,649 3,823 20,561 7,720 19,144 47,937	5,699 14,671 860 38,613 36,639 226,162 45,940 597 41	16,607 21,803 6,691 7,000 81,640 142,567 3,000 8,229 23,349 48,765 4,280	
Africa: Morocco South Africa	13 29,794		12 36.712	******	40 39.841		
Total	29,807		36,724		39,881		
Asia: Japan	1,223		691		2,126		
Oceania: Australia New Zealand	35,307 1,587	*******	33,875 1,431		21,551	******	
Total	36,894		35,306		21,551		
World total	483,464	442,468	469,952	450,278	546,075	484,613	

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 358.—Pears: Production and utilization, United States, 1964-78

	1		Utiliza	ition of quantities	old		
Crop of-	Total production	Utilized production	Presh 1	Processed (fresh basis)			
			Fresh.	Canned ²	Dried		
The latest the	Tons	Tons	Tons	Tons	Tons		
964	728,470	718,565	258,845	450,920	8,80 1,10 8,30 1,20		
965	499,850	496,225	204,400	290,725	1,10		
966	748,170	720,915	290,964	421,651	8,30		
967	463,880	452,780	191,878	259,702	1,20		
968	624,140	617,680	212,414	402,666	2,60		
969	726,620	711,570	271,151	436,219	4,20		
970	548,806	538,780	197,923	337,357	3,50		
971	749,070	707,220	284,787	417,933	4,50		
972	612,100	608,680	251,035	352,345	2,60 4,20 3,50 4,50 5,30		
973	730,420	725,840	307,230	413,710	4,90		
974	741,720	740,660	295,960	439,600	5,10		
975	749,300	743,000	327,980	(8)	(9)		
976	840,600	820,600	340,730	(9)	(3)		
977	786,600 726,800	784,500 726,800	303,200 300,620	(8)	(3)		

¹Includes "Home use." ²For some States includes some dried or otherwise process ³Not published to avoid disclosure of individual operation.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 359.—Pears: Production and utilization, by States, crop of 1978 (preliminary)

State and variety	Total	Utilized	Utilization			
State and variety	production	production	Fresh 1	Processed ²		
	Tons	Tons	Tons	Tons		
Calif., all	288,300	288,300	(3)	(3)		
Bartlett	281,000	281,000	43,000	238,000		
Other	7,300	7,300	(3)	(3)		
Colo	1,700	1,700	(8)	(3)		
Conn	1,900	1,900	1,900			
	13,000	13,000	(3)	(8)		
N.Y	18,500	18,500	(3)	(8)		
Oreg., all	151,500	151,500	(3)	(3)		
Bartlett	55,500	55,500	13,000	42,500		
Other	96,000	96,000	(3)	(3)		
Pa	3,300	3,300	(3)	(3)		
Utah	2,600	2,600	2,600			
Wash., all	246,000	246,000	(3)	(8)		
Bartlett	132,000	132,000	39,900	92,100		
Other	114,000	114,000	(8)	(3)		
U.S	726,800	726,800	300,620	426,180		

¹ Includes "Home use."

² Mostly canned, but includes small quantities dried, juiced, and other uses.

³ Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Table 360.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1964-78

	Area	Yield per	Production	Utiliz	ation	Price per		
Year	harvested	acre1	(2)	Fresh	Processed	pound	Value	
964	Acres	1,000 pounds 33.2	1,000 pounds 21.880	1,000 pounds 17,614	1,000 pounds 4,286	Cents	1,000 dollars 1,02	
965	790	24.5	17,935	14,696	3,237	6.2	1,11	
966	600	31.1	18,680	14,696 15,225 19,393	3,455	7.1	1.39	
967	760 830 850	30.1	22,845	19,393	3,452	7.4	1,69 2,26 2,38 2,43	
968	830	28.4 22.6	23,550	20,085	3,465	9.6	2,26	
969	850	22.6	19,235	16,337	2,898	12.4	2,38	
970	1,040	24.0	24,960	23,938	1,022	9.8	2,43	
971	970 985	21.4	20,725	19,172 21,959	1,553 3,776	13.2	2.73	
972	985	26.1	25,735		3,776	13.3	3,42	
973	1,430	23.0	32,824	28,848	3,976	12.7	4,18 4,87 5,66 6,13	
974	1,690	22.0	37,224	34,529	2,695	13.1	4,87	
975	1,840	21.7	39,896	34,952	4,944	14.2	5,66	
976	1,930	25.9	50,037	43,588	6,449	12.3	6,13	
977	2,155	29.5	63,548	53,967	9,561	11.9	7,56	
9783	2,190	29.2	64,000	54,624	9,376	13.0	8,30	

¹ Derived from total production. ² Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): ³ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 361.—Persimmons: Production, price, and value, California, 1964-771

Year	Produc- tion	Price per ton	Value	Year	Produc- tion	Price per ton	Value
1964	Tons 2,200 2,100 2,300 1,200 1,500 1,600 2,000	Dollars 161.00 163.00 127.00 240.00 164.00 125.00 122.00	292 288 246 200	1971 1972 1973 1973 1974 1975 1976	Tons 1,350 2,500 1,950 2,500 1,550 2,200 2,000	Dellars 126.00 229.00 373.00 334.00 345.00 396.00 350.00	1,000 dollars 170 573 727 835 538 871 700

¹ Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 362.—Pomegranates: Production, price, and value, California, 1964-78

Year	Produc- tion	Price per ton	Value	Year	Produc- tion	Price per ton	Value
1964 1965 1966 1967 1968 1969 1970	Tons 4,000 3,300 3,400 2,400 2,900 7,400 8,000 8,500	Dollars 100.00 92.00 100.00 118.00 97.00 123.00 125.00 131.00	1,000 doillars 400 304 340 283 281 910 1,000	1972 1973 1974 1976 1976 1977 1978	Tons 7,100 5,800 8,100 8,600 9,000 10,000 9,500	Dollars 124.00 170.00 151.00 143.00 210.00 143.00 270.00	1,000 dollars 886 986 1,22: 1,230 1,896 1,436 2,566

¹ Preliminary.

					Uti	lization of	quantities s	old
Year	Total produc- tion	Utilized produc- tion	Season average price per ton	Value	Fresh ²	Proce	ssed (fresh	basis)
			per ton		Fresh.	Dried	Canned ³	Frozen
				1,000				
1964	Tons 84,300	Tons 70,688	Dollars 62.10	dollars	Tons	Tons	Tons	Tons
1964	74,200	72,574	83.20	4,387 6,038	36,755 36,341	5,475 5,700	27,568 29,168	1,365
1966	67,200	66,180	99.70	6,600	33,720	7,100	24,010	1,350
1967	75,700	73,972	95.80	7.084	34,343	7,400	29,829	2,400
1968	45,000	41,280	114.00	4,694	25,010	300	14,995	975
969	104,000	94,200	82.90	7,811	43,280	7,400	38,020	5,500
1970	51,500	48,350	121.00	5,826	28.040	3,950	13,110	3.250
1971	88,400	65,000	89.60	5.821	34,280	5,500	23,000	2,220 3,380
1972	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973	73,300	66,550	148.00	9,816	29,350	11.050	21,730	4,420
1974	71,200	71,200	150.00	10,685	35,350	(4)	21,665	(4)
1975	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976	77,000	73,500	123.00	9,046	38,150	12,850	20,900	2,556 1,600 1,300
1977	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978	69,800	69,200	156.00	10,797	40,950		16,100	3,10

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

Table 364.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1976-78

State	Tot	al producti	on	Utili	zed product	tion	Price 3 for crop of —			
State	1976	1977	19781	1976	1977	19781	1976	1977	19781	
Idaho Mich Oreg Wash	Tons 7,000 16,000 31,000 23,000	Tons 7,000 14,000 28,000 12,000	Tons 7,500 24,000 17,000 21,300	Tons 5,500 16,000 29,000 23,000	Tons 7,000 14,000 25,000 12,000	Tons 6,900 24,000 17,000 21,300	Dollars 242.00 133.00 107.00 108.00	Dollars 251.00 141.00 128.00 187.00	Dollars 206.00 138.00 170.00 149.00	
Total, 4 States	77,000	61,000	69,800	73,500	58,000	69,200	123.00	158.00	156.00	

¹ Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

² Includes "Home use."

³ Some quantities of frozen, dried, or otherwise processed are included in "Canned" to avoid disclosure of individual operations prior to 1969. Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

⁴ Not published to avoid disclosure of individual operations.

⁵ Preliminary.

¹ Preliminary.
² Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Table 365. - Plums, California: Production, value, and utilization, 1964-78

Sesson	Utilized produc-	Total produc-	Season average	Value	Utilizat quantiti	
	tion	tion	price per ton		Fresh ²	Processed
1964 1965 1966 1966 1967 1969 1970 1971 1972 1973 1973 1974 1975 1976 1977	Tons 113,000 95,000 98,000 106,000 67,000 123,000 96,000 97,000 143,000 124,000 154,000 157,000	Tons 110,000 106,000 86,000 98,000 106,000 97,000 101,000 97,000 94,000 94,000 124,000 115,000 157,000	Dollars 107.00 97.00 182.00 180.00 178.00 237.00 160.00 229.00 248.00 321.00 275.00 275.00 380.00 313.00 319.00	1,000 dollars 11,770 10,476 15,652 17,100 18,988 15,879 19,680 23,129 23,008 31,137 39,325 34,596 43,700 49,141 60,000	Tons 105,200 102,600 82,400 90,400 100,700 63,600 119,300 98,300 93,800 140,000 121,380 111,900 156,000	Tons 4,800 5,400 3,500 6,500 2,700 3,500 2,644 3,1,00 1,500 3,000 2,644 3,1,00 1,500 3,000

¹Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at rocessing plant door.

²Fincludes "Home use."

³Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 366. - Prunes (dried basis), California: Production, price, and value, 1964-78'

	Season		Season Production ²					ave	erage ce per	Value										
																	Tons	De	llars	1,000 dollars
964									 								180,000		230.00	41,40
1965			 				0		 				 0				167,000		240.00	40,08
966				0.	0 0		0		0 0	. 0	0 1	 0 1	 0	0 0	0 1		132,000		325.00	42,90
967									 		0 1		 0				164,000		276.00	40,08 42,90 45,26
968								6 0	 		0 1						153,000		301.00	46.05
969							0		 		0 1	 0.	 0	0 0	 	 0	130,000		288.00	37,44
970							0	0 0	 		0 1				 		200,000		202.00	40,40
971									 			 			 		131,000		287.00	37,59
972				0					 		0 1						77,000		535.00	41.19
973			 						 						 		205,000	100	462.00	94.71
974									 								142,000		440.00	62,48
975									 								149,000		402.00	59.89
976																	148,000		412.00	60.97
977																	159.000		499.00	79.34
978	4																131,000		650.00	85,15

B

¹The drying ratio is approximately 2½ pounds of fresh fruit to 1 pound of dried fruit.
²Production all utilized.
³Equivalent returns at the processing plant door.
⁴Preliminary.

Table 367.—Prunes and plums: Utilization and season average price per ton, 1976-78

		Quar	ntity			Price 4	
State and season	Fresh ²	Dried and other ³	Canned	Frozen	Fresh	Dried and other	Canned
Idaho: 1976	Tons 5,500 7,000	Tons	Tons	Tons	Dollars 242.00 251.00	Dollars	Dollars
Mich.: 1976 1977 1978 Oreg.:	5,000 6,600 9,400	300	(*) 6,400 12,300	700 2,300	227.00 193.00 208.00		(*) 95.00 94.00
1976	10,500 7,500	7,500 10,200	8,300 6,700 (⁸)	600 800	127.00 211.00		81.00 88.00 (*)
1976	17,150 9,600 15,300	1,300	(8) 1,100 (5)		130.00 219.00 172.00	******	(8) 102.00 (8)
1976	38,150 30,700 40,950	12,850 11,800 9,050	20,900 14,200 16,100	1,600 1,300 3,100	158.00 219.00 188.00	84.60 86.90 100.00	85.9 92.2 116.0

Table 368.—Prunes and plums, fresh: Production in specified countries, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Canada United States	1,000 metric tons 6.4 603.8	1,000 metric tons 7.2 659.3	1,000 metric tons 7.6 583.3	Europe — Continued Yugoslavia	1,000 metric tons 562.0	1,000 metric tons 782.0	1,000 metric tons 706.0
Total	610.2	666.5	590.9	Total	1,575.1	1,573.6	1,727.5
Europe:				Asia: Turkey	136.6	153.0	140.0
Austria Belgium and Luxembourg Denmark	81.9 6.8 1.9	73.6 2.3 2.0	84.4 7.7	Southern Hemisphere:	92.0	78.0	57.0
France Germany, Fed. Rep. of	86.0 451.2	47.5 349.6	63.4 511.9	Australia	26.5 17.0	22.2 13.5	15.2 13.8
Greece	19.0 171.0	18.0 139.4	17.5 140.0	New Zealand	4.7 9.1	3.9 12.3	2.5 6.8
Netherlands	5.0 15.8 85.5	6.2 14.2 51.9	10.0 15.8 85.7	Total	149.3	129.9	95.3
Spain	44.0 45.0	40.0 46.9	40.0 44.3	Total specified countries	2,471.2	2,523.0	2,553.7

Preliminary.

<sup>I Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

Includes "Home use."
Some quantities otherwise processed are included to avoid disclosure of individual operations.
Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington, Quantities processed are priced at the equivalent processing plant door level.</sup>

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 369. - Prunes, dried: United States exports by country of destination, 1975-77

0	Year beg	ginning S	eptember	100	Year beg	ginning Se	ptember
Country of destination	1975	1976	1977	Country of destination	1975	1976	1977
Europe: Austria Belgium and Luxembourg Denmark Finland France Germany, Fed. Rep. of Iceland Ireland	Metric tons 457 1,465 2,622 3,902 11,677 3,643 71 135	Metric tons 502 1,736 3,111 2,787 5,512 3,878 92 51	Metric tons 413 1,600 2,251 2,747 13,153 4,132 91 182	Bermuda and Caribbean: Bahamas Bermuda Dominican Republic Jamaica Netherlands Antilles Trinidad and Tobago Other countries	Metric tons 10 121 36 98 183 14	Metric sons 3 19 119 8 100 127 12	Metric tons 8 4 106 17 78 485 16
Italy	8,799	6,681	7,551	Total	462	388	711
Norway Poland Spain Sweden Switzerland United Kingdom Other countries	1,982 516 1,713 3,114 537 3,278 22	1,737 1,153 948 2,963 670 2,100	1,802 1,024 2,843 521 2,565 28	Other countries: Australia Cameroon Canada Canary Islands China, Taiwan Hong Kong	296 4,140 33 315 525	134 4,193 28 336 452	109 122 3,756 43 370 518
Total	45,410	34,684	41,957	Japan	15 1,126	213 1,556	1,199
Latin America: Brazil Colombia Costa Rica Ecuador Guatemala Mexico	93 36 7 90 43 1.483	47 10 110 31 664	126 182 7 121 45 819	Malaysia New Zealand Singapore South Africa Soviet Union Thailand Other countries	205 703 396 2,234 75 193	267 386 396 638 1,847 73 104	296 492 651 1 241 43 214
Nicaragua	22	27	34	Total	10,256	10,623	8,057
Panama Venezuela Other countries	176 831 79	126 992 87	1,617 86	Grand total	58,988	47,789	53,849
Total	2,860	2,094	3,124				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 370. - Prunes: Foreign trade, United States, 1964-77

			Imp	orts			Do	mestic expo	orta	
Year	beginning July	Fresh prunes and plums	Otherwise prepared or pre- served	Dried prunes 1	Total, in terms of fresh ²	Fresh prunes and plums	Canned prunes and plums	Dried prunes 1	Dried, in fruit salad 1 3	Total, in terms of fresh ²
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975		Tons 1,689 1,212 836 1,846 2,193 1,491 1,506 939 318 813 794 1,520	1,000 pounds 1,027 1,205 1,167 1,230 1,228 1,311 1,311 1,634 2,173 1,988 1,778 2,086 1,950	Tons 80 87 520 680 426 1,028 928 1,015 4,826 597 33 298 549	Tons 2,346 1,940 2,711 4,165 3,852 4,748 4,503 4,308 13,824 18,462 1,686 3,229 3,205	Tons 9,938 15,593 6,214 13,862 9,899 10,613 11,891 14,732 16,717 17,824 18,469 21,897 23,680	1,000 pounds 659 (4)	Tons 49,175 62,074 46,734 45,390 44,163 40,320 42,173 42,259 36,714 58,816 39,905 70,234	Tons 1,344 1,894 1,169 1,082 846 928 729 782 730 846 831 873 767	Tons 133,396 181,144 130,576 134,506 126,747 117,692 123,266 126,473 113,986 156,717 140,914 206,500 162,775

¹ Net processed weight.
² Beginning 1965, exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04 (1.025 prior to 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh (2½ pounds prior to 1965). Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.799 pound fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound canned equals 0.899 pound fresh.
³ Dried prunes in salad estimated at 43 percent of total dried fruit for salad.
⁴ No longer reported separately.
⁵ Year beginning October.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 371.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States, 1964-78

	1	Fresh ma	rket and	processing		Pr	esh mark	et ³		Processing	1
Year	Area	Yield		Val	lue 2	Produc-	Val	ue2	Produc-	Val	ue ²
	for harvest	per acre	Produc- tion 1	Per unit	Total	tion of value	Per unit	Total	tion of value	Per unit	Total
1964 1965 1966 1967 1968 1968 1970 1970 1971 1972 1973 1974 1975 1976	Acres 74,850 67,940 66,180 63,700 58,700 83,500 50,400 47,780 43,410 40,610 39,260 39,190 33,750 34,300	Cwt. 73 64 70 74 90 91 98 109 106 118 137 139 169	1,000 cwt. 5,490 4,328 4,644 4,740 5,256 4,862 4,960 5,207 4,602 4,796 5,362 5,432 5,713 6,509	Dollars per cwt. 20.00 22.10 22.20 20.50 21.30 22.60 21.50 22.50 24.00 27.60 28.70 30.40 32.80 33.00	1,000 dollars 109,979 95,836 103,068 97,029 112,010 109,771 110,467 110,262 132,186 133,967 165,340 187,291 214,947	1,000 cwt. 3,098 2,629 2,659 2,818 3,373 3,154 3,164 3,404 3,211 3,164 3,680 3,700 3,601 4,188	Dollars per cwt. 24.50 25.60 26.20 24.50 24.30 25.90 24.80 27.10 31.00 32.40 35.40 37.60 38.90	1,000 dollars 75,983 67,238 69,656 69,101 81,827 81,697 78,533 86,394 86,948 119,133 130,905 135,537 162,938	1,000 cwt. 2,392 1,699 1,985 1,922 1,883 1,706 1,703 1,391 1,632 1,632 1,732 2,112 2,321	Dollars per cwt. 14.20 16.80 16.80 14.50 16.00 16.40 15.60 16.80 21.00 20.70 19.90 24.50 22.40	1,000 dollars 33,959 33,41 27,92 30,18 26,08 23,31 34,25 34,83 34,43 51,75 52,00

¹Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 77 in 1964, 302 in 1965, 4 in 1965, 44 in 1967, 70 in 1969, 100 in 1970, 1 in 1977, and 1 in 1978.

²Presh market price and value on f.o.b. basis. Processing price and value at processing plant door.

³Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

⁴Preliminary.

926305596211134-7

025 2.7 and

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 372.—Strawberries, commercial crop: Area, production, and value per hundredweight, by States, 1976-781

Season and		Area		1	Production		v	alue per ur	iit
State	1976	1977	19782	1976	1977	19782	1976	1977	19783
Winter:	Acres 1,400	Acres 1,500	Acres 2,000	1,000 cwt. 210	1,000 cwt. 218	1,000 cwt. 290	Dollars per cwt. 42.20	Dollars per cwt. 41.10	Dollars per cwt. 57.40
Total	1,400	1,500	2,000	210	218	290	42.20	41.10	57.40
Spring: Ark Calif La Mich N.J N.Y N.C Ohio Oreg Pa Wash Wis	1,100 10,800 850 2,900 800 1,400 2,100 1,400 5,200 1,100 3,300 1,400	900 11,600 850 2,800 750 1,400 2,100 1,400 5,300 1,100 3,300 1,300	900 13,700 800 2,700 700 1,300 2,100 1,500 5,000 900 3,300 1,400	50 4,212 60 174 36 46 44 80 478 37 251 35	43 5,220 52 151 32 60 42 69 350 40 201 31	42 5,138 53 154 35 64 32 87 340 28 175 38	35.00 32.20 46.00 33.30 38.50 40.00 46.00 28.50 53.60 27.70 42.00	35.80 32.30 43.00 31.80 49.60 54.30 44.00 42.00 28.50 60.90 28.60	30.00 28.80 38.30 36.50 43.20 53.20 35.00 44.00 27.00 65.70 25.40 48.00
Total	32,350	32,800	34,300	5,503	6,291	6,186	32.40	32.70	29.70
U.S	33,750	34,300	36,300	5,713	6,509	6,476	32.80	33.00	31.00

¹ Includes quantities used for fresh market and processing.

² Preliminary.

³ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1 in 1977, and 1 in 1978.

Table 373.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1976-78

		Production	1		alue per unit	
Utilization, season, and State	1976	1977	19781	1976	1977	19781
POR FRESHI MARKET ² Winter: Fla	1,000 cwt. 210	1,000 cwt. 218	1,000 cwt. 290	Dollars per cwt. 42.20	Dollars per cwt. 41.10	Dollars per cwt. 57.40
Total	210	218	290	42.20	41.10	57.40
Spring:	50 2,811 60 100 36 46 44 80 62 37 30 35	43 3,436 52 95 32 60 42 69 38 40 32 31	42 3,822 53 84 35 64 32 87 36 28 35 35	35.00 36.90 46.00 36.00 38.50 40.00 46.00 38.00 35.20 53.60 30.40 42.00	35.80 38.20 43.00 33.00 49.60 54.30 44.00 42.00 36.00 60.90 31.10 46.00	30.00 33.20 38.30 42.00 43.20 53.20 35.00 44.00 33.00 65.70 31.20 48.00
Total	3,391	3,970	4,356	37.40	38.80	34.30
U.S	3,601	4,188	4,646	37.60	38.90	35.80
Spring: Calif Mich Oreg Wash	1,401 74 416 221	1,784 56 312 169	1,316 70 304 140	22.90 29.70 27.50 27.30	20.80 29.70 27.60 27.40	15.90 29.90 26.30 24.00
U.S	2,112	2,321	1,830	24.50	22.40	18.80

Preliminary.
²Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates

Table 374. - Fruits: Unloads at 8 markets, by commodities, 1978

		Boston	100	N	ew York	2	Pi	niladelph	in	В	altimore	
Commodity	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck i	Total
Apples	1,000 cwt. 48 22 20 23 20 529 1 77 33 31	1,000 cwt. 522 518 230 127 1 329 234 140 115 97	1,000 cwt. 570 540 250 21 858 235 217 148 128 133	1,000 cwt. 468 50 146 153 49 717 9 302 176 114	1,000 cwt. 816 1,251 327 297 1,035 539 252 169 143 362	1,000 cwt. 1,284 1,301 473 450 49 1,752 548 554 345 257 362	1,000 cwt. 110 6 44 37 3 246 58	1,000 cwt. 475 544 266 211 612 180 156 144 108	1,000 cwt. 585 550 310 248 3 858 180 214	1,000 cwt. 33 10 2 14 7	1,000 cwt. 391 362 168 92 444 90 84 62 72 73	1,000 cwt. 424 362 168 102 2 458 90 91 66 87 73
Miscellaneous	54	919	973	2,297	579	2,876	31	1,062	1,093	799	749	1,548
Total	859	3,364	4,223	4,481	5,770	10,251	599	3,926	4,525	884	2,587	3,471
		Atlanta			Chicago	,	L	os Angel	es	Sar	Francis	eo 4
Commodity	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total	Rail, boat, and air	Motor- truck 1	Total
Apples	1,000 cwt. 29	1,000 cwt. 297 150 91 94	1,000 cwt. 326 150 91 98	1,000 cwt. 55 9 77 20 4	1,000 cwt. 685 422 256 145 5 640	1,000 cwt. 740 431 333 165 9	1,000 cwt.	1,000 cwt. 1,952 558 595 335	1,000 cwt. 1,952 558 607 335	1,000 cwt.	1,000 cwt. 678 405 202 113	1,000 cwt. 678 438 200 113
Peaches	2	93 25	93 27	11 18	206 195	217 213	5	308 341	308 346		146 117	146
prunes		25 102 51	25 102 51	51 38 1	103 128 99	154 186 100	5	216 231 182	216 236 182		66 167 52	167 52
Tangerines Miscellaneous	4	617	621	120	1,543	1,663	2,921	1,106	4,027	191	1,536	1,727

¹ Estimated percentages of completeness for reported truck unloads for 1978 are as follows: Atlanta, 85; Baltimore, 85-90; New York, Philadelphia, and Chicago, 90; Boston, 90-95; Los Angeles and San Francisco, 95.

² Includes Washington.

⁴ Includes Washington.

Agricultural Marketing Service.

Table 375.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 19781

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Citrus fruit Grapefruit Lemons Mixed citrus Oranges Tangelos Tangerines Temples	1,000 cwt. 2,488 628 24 2,925 288 451 791	1,000 cwt. 2,990 610 18 3,468 28 401 723	1,000 cwt. 3,217 702 28 3,929 3 325 129	1,000 cwt. 2,943 1,047 21 4,675	1,000 cwt. 2,084 737 29 3,202	1,000 cwt. 1,066 956 64 2,656	1,000 cwt. 647 1,018 70 1,887	1,000 cwt. 170 810 62 1,350	1,000 cwt. 20 930 22 1,409	1,000 cwt. 1,634 641 17 1,313 13 207	1,000 cwt. 2,511 834 6 2,517 389 565	1,000 cwt. 2,497 778 9 4,921 718 761	1,000 cwt. 22,267 9,891 370 34,252 1,439 2,961 1,648
Total	7,595	8,238	8,333	8,820	6,068	4,747	3,623	2,392	2,381	3,825	6,822	9,684	72,528
Non-citrus fruit Apples Apricots Apricots Avocadoe Blueberries Cherries Grapes, Jubie Grapes, Jubie Grapes, Jucie Mixed deciduous Nectarines Peare Peare Plums-fresh prunes Strawberries	2,152 136 230 1 22 475	2,333 139 144 25 514	2,367 167 91 28 401	2,350 239 24 16 1 202	1,634 21 200 1 145 32 4 126 326 40 59 1,300	864 71 204 43 561 656 12 607 1,296 1 557 755	703 32 224 60 227 762 50 1,055 1,835 238 1,569 278	471 12 201 16 1,176 4 11 593 1,370 507 984 190	2,195 219 1,049 971 1 227 694 670 224 93	2,781 209 643 666 12 1 9 888 9 52	2,588 246 604 10 37 737	3,393 278 514 649	23,841 136 2,462 120 933 5,925 1,652 248 2,609 5,531 5,322 3,402 4,010
Total	3,026	3,212	3,370	3,767	3,888	5,627	7,033	5,535	6,343	5,270	4,250	4,870	56,191
Miscellaneous fruit and berries Fruits ² Limes Mangoes Misc. citrus Persimmons Pomegranates	3 16	3 15	21	40	8 52	28 50 15	1 78 46	2 72 20	2 44 2 3 1 19	2 34 341 14 49	1 29 83 13 19	3 38 4 4	54 489 83 431 32 88
Total	19	18	21	41	60	93	125	95	71	440	145	49	1,177
Grand total	10,640	11,468	11,724	12,628	10,016	10,467	10,781	8,022	8,795	9,535	11,217	14,603	129,896

¹Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in Agricultural Statistics, 1978, table 370.

³Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail and air carriers, inspection service and shipping points.

Table 376. - Fruits, noncitrus: Production, utilization, and value, United States, 1964-781

						Processed			
Year	Utilized produc- tion ²	Fresh	Canned	Dried	Juice 3	Frozen	Wine ³	Other	Value of utilized produc- tion 4
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1964	tons 10,605	tons	tons	tons	tons	tons	tons	tons	dollars
	10,605	3,568 3,540	2,563 2,229	1,696 1,936		284 250		2,418	891,457
1966	10,278	3,506	2.280	1,780		203		2,891 2,424	965,192 933,541
1967	8,799	3,078	1,867	1.322		245		2,208	988,812
1968	10.011	3,413	2.335	1.672		245 267		2,238	1.118.047
1969	11,190	3,719	2,571	1.612	667	254	2,054	199	1.083,153
1970	9,890	3,378	2,030	1.634	708	221	1,583	238	1,062,35
1971	10.535	3,421	2,003	1,431	877	240	2,310	192	1,159,400
1972	8,436	3,114	1.805	804	720	244	1,520	169	1,320,06
1973	10.965	3,403	2,071	1,795	598	254	2,567	196	1.948.531
1974	11,240	3,620	2,203	1.655	768	223	2,416	279	1.947,446
1975	11,668	4,077	2.023	1,920	863	226	2.275	203	1,878,74
1976	11,169	3,950	1,873	1,662	819	246	2,322	220	2.029,656
1977	11,567	3,901	1,978	1,870	848	236	2,412	264	2,465,700
19785	11,903	4,111	1,976	1,384	1,137	253	2.671	310	2,931.747

See footnotes on page 251.

Table 377. - Fruit juices, canned: United States packs, 1964-77

		Citrus	juices 1						
Season	Grape- fruit	Orange	Blended orange and grape- fruit	Tangerine and tangerine blends	Pine- apple juice ²	Grape juice	Prune juice	Apple juice	Fruit nectars
1964 1965 1966 1967 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976	1,000 Casses ³ 10,927 13,826 20,991 15,826 20,535 22,124 25,993 26,777 28,262 29,001 21,629 25,821 27,689 23,952	1,000 Cases ³ 10,799 12,114 16,341 10,414 13,453 14,296 15,452 13,852 17,053 13,819 13,294 13,461 14,435 14,924	1,000 Cases 3 2,512 2,911 3,738 2,187 2,578 2,419 2,500 1,983 2,135 1,983 1,723 2,769 1,584 1,898	1,000 cases ³ 187 62 156 49 92 47 35 16 24 18 12 19 35 8	1,000 Cases 3 13,788 15,354 15,081 13,954 15,014 13,641 12,328 11,350 8,448 8,713 10,205 11,977	1,000 cases 3 4,800 4,800 4,700 4,600 3,921 47,200 46,600 (5) (5) (6) (6) (6) (6)	1,000 cases ³ 7,390 7,600 7,500 7,400 5,267 49,200 49,300 (5) (5) (6) (6) (6)	1,000 casees s 9,587 9,611 8,889 8,726 9,365 13,390 14,118 13,696 13,832 14,793 15,433 15,412 18,218	1,000 cases 3 2,860 2,860 2,860 2,733 (a) 46,200 (b) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d

¹Excluding citrus concentrates. ²Hawaii and foreign operations. ³Equivalent cases of 24 No. 2 cans. ⁴Thousand actual cases basis. ⁵Not available.

Economics, Statistics, and Cooperatives Service—Economics. Based on data obtained from various canners'

Table 378.—Fruits, dried: Production (dry basis), United States, 1964-78

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes 1	Raisins	Total
1964	Tons 8,490	Tons 6,230	Tons 24.300	Tons 16.800	Tons 5,180	Tons 1.350	Tons	Tons	Tons
1965	11,510	5,130	21,000	14,500	5,430	170	132,100 117,120	231,400 270,400	425,85 445,26
1966	15,900 9,980	6,500 3,670	21,300	18,400 10,900	3,380	1,280	96,910	280,400	444,07
1968	10,860	3,850	23,000	13,000	1,960 2,820	180 400	122,110	181,200 264,250	350,80 425,60
1969	17,669 11.862	6,430	16,500	14,370	3,510	764	91,300	251,800	402,34
1971	6,012	5,600 4,000	18,200 19,500	12,280 10,370	2,275 1.860	585 750	158,360	193,450	402,61
1972	9,288	3,000	15,700	8,950	1,500	960	91,850 41,750	194,830 105,350	329,17 186,49
974	15,481 12,325	3,260 2,640	23,100	11,220 11,430	1,500	790	161,760	224,526	441,63
975	14,344	4,500	24,800	8,840	1,750 2,375	700 980	105,221 2102,695	242,130 283,650	398,89
976	14,331	4,650	22,400	7,000	2,500	1,270	2 106,322	3218,400	442,18 376,87
9784	14,100	5,100 3,600	25,400 22,500	11,000 5,850	2,500	1,130 855	2109,568 2106,634	248,900 146,450	417,69 287,88

¹Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates. ²Excludes Oregon. ³Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes. ⁴Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

POOTNOTES FOR TABLE 376

¹Apples, apricots, avocados, bananas, bushberries, cherries, cranberries, dates, figs, grapes, nectarines, olives, papayas, peaches, pears, persimmons, pomegranates, and prunes and plums.

²Includes culls and cannery diversions for California Clingstone peaches (tons): 1964—76,000; 1965—89,000; 1969—194,000; 1970—98,000; 1971—61,000; 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1975—81,000; 1975—81,000; 1975—80,000; 197

Table 379.—Fruits, dried: Commercial production in specified countries, 1976-78

Commodity and country	1976	1977	19781	Commodity and country	1976	1977	1978 1
Apples, dried:	1,000 metric tons 0.2	1,000 metric tons 0.2	1,000 metric tons 0.2	Pears, dried: Australia South Africa	1,000 metric tons 0.3	1,000 metric tons 0.2 1.4	1,000 metric tons 0.5
Total	.2	.2	.2			-	
Apricots, dried: Australia Iran South Africa Spain Turkey	1.4 6.0 1.1 1.1 10.0	2.1 9.3 1.5 .6 10.0	1.6 4.5 1.1 .4 9.0	Total Prunes, dried: Argentina Australia Chile France	1.2 10.0 3.2 4.4 26.2	8.0 3.2 5.2 6.1	5.1 2.1 5.0 23.0
Total	19.6	23.5	16.6	South Africa	1.8 6.3	1.4 22.9	2.1
Currants: Australia Greece South Africa	4.3 61.5 1.0	6.1 76.6 8	4.0 65.9	Total	51.9	46.8	51.7
Total	66.8	83.5	70.8	Australia	62.0 68.9 81.0	56.8 60.0	42.8 58.8 84.0
Figs, dried: Greece Italy Portugal Spain Turkey	22.0 7.1 1.6 3.0 60.0	19.8 7.2 6.0 3.0 42.0	18.4 7.0 4.2 3.8 50.0	Iran South Africa Spain Turkey Total	60.0 6.5 2.0 80.0	63.0 8.9 2.3 110.0	70.0 12.5 2.5 80.0
Total	93.7	78.0	83.4				
Peaches, dried: Australia Chile South Africa	.3 1.4 1.7	.3 1.4 1.9	.3 1.3 1.9				
Total	3.4	3.6	3.5			7	

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 380. - Fruits, frozen: Commercial pack, by kinds and areas, United States, 19781

Commodity	Northeast ²	South ³	Midwest 4	West 5	Total
Apples	1,000 pounds * 11,188	1,000 pounds	1,000 pounds 41,380	1,000 pounds 15,769	1,000 pounds 68,337
Apricots Cherries, red tart Cherries, sweet Grapes and pulp	9,012		71,135 711,174	11,814 12,563 7,188 7 *4,529	11,814 92,710 18,362 4,529
Peaches Plums and prunes Purees, noncitrus*		7 * 2,623	7 1,084	38,191 1,690	40,814 2,774 16,338
Berries: Blackberries Blueberries Boysenberries	* 19,777		6,560	7 * 19,579 1,655 3,048	19,579 27,990 3.040
Currants Gooseberries Loganberries Olallieberries	*******	* * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	7 *654 2,089 2,886	2,08 2,88
Raspberries, black Raspberries, red Strawberries Citrus juices 10		11 1,825,514	7 * 1,453 * 6,904	7 * 19,742 213,487	1,450 19,743 220,390 1,825,514
Miscellaneous fruits and berries *	39,977	1,828,137	139,690	6 * 16,021 370,905	2,395,04

See footnotes on page 255.

Table 381. - Fruits, frozen: Commercial pack, United States, 1969-78

Commodity	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Apples Apricote Apricote Cherries, red tart Cherries, sweet Cherries, sweet Plums Plums Plums Purse Purse	1,000 pounds 122,293 17,325 140,688 2,265 11,149 53,572 6,061 6,061 16,842	1,000 pounds 100,370 121,271 4,124 6,186 6,186 6,269 (2) (2)	1,000 pounds 96,989 10,977 159,408 2,568 5,761 89,924 3,666 (*)	1,000 pounds 130,377 16,512 146,570 3,266 5,333 46,316 5,075 (2)	1,000 pounds 135,046 16,534 105,398 6,145 81,388 6,121 (2)	1,000 pounds 99.180 11,848 137,976 8,890 2,897 6,315 (3) 5,311	1,000 pounds 89,704 15,886 126,073 6,712 (1) 40,273 5,236 (2) 5,983	1,000 pounds 118,759 15,006 84,113 12,396 1,728 65,101 4,977 (3)	1,000 pounds 97,304 16,751 18,751 18,011 14,892 69,323 3,594 (2) 16,833	1,000 pounds 68,337 11,814 92,710 18,829 4,529 4,539 4,539 4,539 16,314 2,774 (*)
Buckberries Buckberries Buteberries Bustberries Buyenberries Curants Curants Curants Conscherries Laganberries Sampberries Raspberries Raspberries Raspberries Macelfariesus fuites 3	27,184 37,663 9,253 1,337 690 1,681 176,683 1,163,806 11,163,806	29,186 21,836 8,478 746 540 1,756 2,265 29,504 201,872 1,381,492 10,838	27,536 30,441 5,245 6,245 803 (1) 1,858 1,858 11,303,147 12,909	21,164 30,832 6,303 (1) 1,517 2,724 2,724 2,4361 1474,873 16,530	8,249 44,376 6,275 1,114 (1) 862 3,186 29,309 16,89,329 1,889,329 1,889,329	21,107 24,380 5,083 6,083 (1) 1,877 1,877 1,707 1,707 1,707 1,839,828 23,983	20,692 24,572 4,815 (1) 543 (1) 2,954 1,860 18,652 18,665 11,966,892 10,755	22,774 26,261 4,094 1,1123 (1) 2,371 22,561 216,153 1,906,776 14,938	23,362 14,750 3,636 3,636 (1) 3,427 (1) 3,427 (1) 1,711,977 20,694	19,579 27,962 3,048 3,048 (1) 2,089 2,886 21,85 11,825,514 1,825,514
Total	1,842,088	1,972,180	1,968,625	2,086,935	2,539,493	2,443,800	2,552,817	2,538,289	2,348,537	2,334,490

Economics, Statistics, and Cooperatives Services — Economics. Data from American Frosen Food Institute and Florida Canners Association.

Included in miscellaneous fruits and berries.
Sincluded in plums.
Florida only. Calendar year estimate.

Table 382.—Fruit and juices: Cold-storage holdings, end of month, United States, 1977 and 1978

	Fr	esh		Prozen							
Month	Ар	ples	Арр	oles	Blueb	erries	Cherries				
	1977	1978	1977	1978	1977	1978	1977	1978			
January February March April May June July August September October November Docember	1,000 pounds 1,775,855 1,335,200 912,840 609,512 329,322 166,995 57,304 14,795 1,106,824 3,142,188 2,710,807 2,138,025	1,000 pounds 1,658,124 1,172,537 751,608 431,125 185,715 72,872 14,770 11,547 1,446,077 3,444,244 3,220,372 2,624,543	1,000 pounds 98,446 105,216 101,320 92,018 92,226 79,545 71,357 63,733 66,713 80,794 97,640	1,000 pounds 103,575 117,625 103,936 91,340 83,369 72,097 65,470 50,111 47,242 54,435 65,855 82,629	1,000 pounds 23,214 19,449 15,124 11,615 8,526 8,688 15,559 29,250 33,656 31,431 27,859 24,687	1,000 pounds 21,802 19,506 15,144 11,263 9,329 8,316 15,488 32,441 41,112 41,427 38,705 35,681	1,000 pounds 42,262 33,343 26,207 19,397 15,313 16,528 90,941 111,243 93,776 83,767 76,299 70,938	1,000 pounds 58,621 52,13' 41,600 32,56' 28,31! 19,59' 85,94' 104,58! 96,63' 84,744' 77,13'			

111			Frozen — C	ontinued		
Month	Strawbe	erries	Total from	en fruit	Orange	juice
	1977	1978	1977	1978	1977	1978
January February March April May June July August September October November December	1,000 pounds 92,157 76,006 82,708 90,412 112,661 201,575 231,683 218,962 206,439 194,947 163,101 153,131	1,000 pounds 126,544 113,251 111,076 111,705 115,311 187,998 192,132 172,946 162,524 144,545 127,163	1,000 pounds 498,994 447,237 419,960 376,340 380,989 456,026 585,333 620,920 630,731 687,210 639,899 607,841	1,000 pounds 549,399 518,124 465,164 416,707 385,448 434,795 530,948 552,572 564,372 597,898 552,139 517,943	1,000 pounds 681,373 845,536 932,759 955,534 1,040,622 914,348 806,512 647,077 551,698 456,281 333,251 392,837	1,000 pounds 511,502 617,315 744,415 854,732 883,125 811,551 720,219 549,583 485,376 359,798 506,463

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 383.—Canned fruits and fruit juices: Canners' and distributors' stocks, beginning of season, United States, 1976-78

O	Season	Car	ners' stock	g 1	Distr	ibutors' sto	cks 2
Commodity	beginning—	1976	1977	1978	1976	1977	1978
Canned fruits:		1,000 cases ³					
Apples	Aug. 1	698	560	597	318	275	253
Applesauce	Aug. 1	6.123	4.253	4,351	1.754	1.513	1,709
Apricots	June 1	2.094	1.141	711	457	397	
Cherries, red pitted	July 1	76	11	15	198	147	98
Cherries, sweet	June 1	349	204	192	122	102	315 95 95
Grapefruit sections	Oct. 1	642	396	298	221	191	160
Peaches	June 1	9,499	7.474	8,496	3.171	2,740	2,952
Pears	June 1	4.537	4.597	3.832	1,399	1,343	1,363
Pineapple	June 1	8,758	10.075	12.245	1,780	1.755	1,825
Purple plums	June 1	954	708	504	174	196	162
Fruit cocktail	June 1	5,541	5,391	4.835	1.782	1.640	1.734
Canned juices:		0,044	0,000	4,000	2,102	2,000	2,100
Grapefruit	Oct. 1	3,557	4,377	3,474	1.527	1,553	1,735
Orange	Oct. 1	1.928	2.013	2,157	1.251	1.298	1.406
Blended orange and		-,0-0-	_,	-,	-,	-,	21000
grapefruit	Oci. 1	318	148	293	206	202	210
Pineapple	June 1	1,960	2,506	3,158	493	450	572

See footnotes on page 256.

Table 384. - Fruits: Total and per capita civilian consumption, United States, 1964-781

				Fruits us	ed fresh			
Year	Total	fruits	App	les 2	Citrus	fruits	Other fre	sh fruits³
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 4	Million pounds 15,021 15,583 15,825 16,012 15,493 15,836 16,422 16,534 15,996 15,984 16,656 17,855 18,455 18,455 18,455	Pounds 79.5 81.4 81.8 82.0 78.6 79.5 81.4 81.0 77.5 76.8 79.4 84.4 86.6 83.3 83.9	Million pounds 3,379 3,134 3,100 3,169 2,966 3,690 3,299 3,596 3,787 4,008 3,643 3,672	Pounds 17.9 16.3 16.0 16.2 15.7 14.9 18.3 16.2 15.7 14.7 16.1 17.9 18.8 17.0	Millions pounds 4,951 5,580 5,653 6,211 5,205 5,652 5,817 5,984 5,693 8,741 5,805 6,285 6,285 6,285 6,721 5,745	Pounds 26.2 29.2 29.2 31.8 26.4 28.8 29.3 27.6 27.6 27.7 29.7 29.7 26.7 26.6	Million pounds 6,891 6,889 7,072 6,632 7,196 7,217 6,716 7,781 8,183 8,518 8,745	Pounds 35.4 36.6 34.0 36.5 36.2 34.3 35.5 32.5 34.5 35.6 36.8 38.4 39.6
To law est	Canne	fruits ⁵	Canned	juices 6	Dried	fruits?	Frozen	fruits*
Year	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1964	Million pounds 4,343 4,494 4,424 4,409 4,315 4,825 4,700 4,481 4,417 4,441 4,116 4,083 4,094 4,277 4,114	Avands 23.0 23.5 22.9 22.6 21.9 24.2 23.3 21.9 21.4 21.3 19.6 19.3 19.2 19.9	Million pounds 2,428 2,458 2,874 3,149 3,240 4,224 4,280 4,405 4,164 4,629 4,765 4,155 5,094	Pounds 12.9 14.9 16.1 16.4 19.3 19.3 20.7 21.2 19.9 21.4 21.2 23.6	Million pounds 551 572 585 544 558 527 551 538 419 536 520 645 568 548	Pounds 29 30 30 28 26 27 26 20 26 25 30 27 27 25	Million pounds 1,399 1,625 1,566 1,969 1,846 1,847 1,982 2,075 2,156 2,324 2,359 2,672 2,610 2,531 2,447	Pounds 7.4 8.5 8.1 10.1 9.4 9.3 9.8 10.2 11.3 12.6 12.2 11.8

¹Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

²Excludes ononcommercial apples.

³Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapple, papayas beginning 1960, plums and prunes, strawberries, bushberries beginning 1970, and miscellaneous fruit beginning 1970.

⁴Preliminary.

**Preliminary.
*Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs through 1972, fruit cocktail and alad, canned and chilled citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced),

salad, canned and chilled citrus sections, ouver thorough states, placed pears.

Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice.

Thried apples, apricots, dates, figs, paches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes used for juice and concentrate. Data are in terms of processed dried weight.

Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

Not available.

Economics, Statistics, and Cooperatives Service - Economics.

Includes the commercial pack only and does not include quantities produced in frozen food locker planta.
Connecticut, Maine, Massachusetta, New Jersey, New York, Pennsylvania, and Rhode Island.
Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, M

cs, Statistics, and Cooperatives Service — Economics. Data from American Frozen Food Institute and Florida Canners Association.

inary.

Table 385.—Tree nuts (shelled basis): Supply and utilization, United States, 1964-781

Crop	United States production ²	Imports ³	Beginning stocks	Total supply	Exports ³	Ending stocks	Civilian disap- pearance	Per capita
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	Pounds
1964	227,760	118,160	111,040	456,960	28,120	94,020	334,820	1.7
1965	245,990	121,090	101,320	468,400	36,770	86,250	345,380	1.7
1966	243,180	119,180	86,250	448,610	36,070	76,460	336,080	1.7
1967	238,090	139,150	76,460	453,700	41,100	70,150	342,450	1.7
968	238,540	158,300	70,150	466,990	36,650	71,290	359,050	1.8
1969	304,150	135,480	71,290	510,920	82,520	86,280	342,120	1.7
970	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.7
971	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.8
972	310,260	178,770	80,830	569,860	106,750	55,690	405,420	1.9
973	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.7
974	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.5
975	425,360	166,100	153,780	745,240	196,680	137,010	411,250	1.5
976	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.5
9774	542,250	106,290	114,670 153,640	763,210	239,720	153,640	369,850	1.7

¹Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts; beginning 1960, includes macadamias.
²Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.
³Foreign trade data on a fiscal-year basis, beginning July 1 or Aug. 1 of year indicated.
⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 386.—Tree nuts: Commercial production in specified countries, 1976-78

Commodity and country	1976	1977	19781	Commodity and country	1976	, 1977	19781
Almonds (shelled basis): Iran Italy	1,000 metric tons 7.0	1,000 metric tons 8.0 23.0	1,000 metric tons 4.5 26.0	Filberts (in the shell)— Continued Turkey	1,000 metric tons 240.0	1,000 metric tons 290.0	1,000 metric tons 320.0
Morocco Portugal	25.0 2.0 5.2	1.7 1.6	3.5 3.5	Total	339.0	390.0	423.0
Spain	65.0	32.0	60.0	Walnuts (in the shell):			-
Total	104.2	66.3	97.5	India	25.3 15.0	11.6 14.0	30.0 16.0
Brazil nuts (in the shell):	43.8	42.6	40.0	Iran Italy Turkey	2.8 11.0 10.0	3.2 12.0 10.5	3.0 14.0 9.0
Filberts (in the shell): Italy	77.0 22.0	70.0 30.0	90.0 13.0	Total	64.1	51.3	72.0

¹ Preliminary

POOTNOTES POR TAIL & 383

Agricultural Marketing Service. Compiled from various canners' associations and the U.S. Department of Commerce.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

¹Canners' stocks for citrus products are Florida only.
²Distributors' stocks are as of the beginning of the season for all items except that apples and applesance are as of June 1 and citrus products as of November 1.
³Actual cases.

Table 387.—Almonds (shelled basis): Production, season average price per pound, and value, California, 1964-78

	Year	Produc- tion	Price	Value	Year	Produc- tion	Price	Value
1964 1965 1966 1967 1968 1969 1970 1971		Million pounds 83.0 79.6 95.4 82.8 80.4 132.0 149.0 162.0	Cents 57.2 56.5 54.4 53.8 55.3 56.0 53.8 53.8		1972 1973 1974 1974 1976 1976 1977	Million pounds 151.0 158.0 230.0 186.0 284.0 313.0 181.0	Cents 65.0 128.8 74.0 63.7 64.8 84.5 140.0	1,000 dollars 98,122 199,666 170,100 118,400 1264,480 253,400

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 388. - Almonds (shelled basis 1): Foreign trade, United States, 1964-77

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
1964	Tons 134 206 177 211 474	1969	Tons 150 94 69 100 45	1974	Tons 64 243 666 97

¹Unshelled nuts converted to shelled basis at ratio of 2.0 to 1.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 389.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1964-78

Tons 7,800 7,300 1,700 7,000	Price ³ Dollars 440 450 390 492	1,000 dollars 3,432 3,285 4,563 3,444	Produc- tion 1 Tons 290 440 520 540	Price ² Dollars 442 452 417	1,000 dollars 128 199 217	Produc- tion 1 Tons 8,090 7,740 12,220	Price ² Dollars 440 450 391	3,48
7,800 7,300 1,700 7,000	440 450 390 492	dollars 3,432 3,285 4,563	290 440 520	442 452 417	dollars 128 199 217	8,090 7,740	440 450	
7,800 7,300 1,700 7,000	440 450 390 492	3,432 3,285 4,563	290 440 520	442 452 417	128 199 217	8,090 7,740	440 450	3,56 3,48
7,300 1,700 7,000	450 390 492	3,285 4,563	440 520	452 417	199 217	7,740	450	3,48
7,000	390 492	4,563	520	417	217			4.78
7,000	492				211			
					268	7,540	492	3,71
7.000	518	3,626	600	497	312	7,600	518	3,92
7,100	550	3,905	300	520 555	167	7,400	550	4.07
8,750	570	4,988	510	571	291	9,260	570	5,27
1.000	414	4,554	370	416	154	11,370	414	4,70
9,600	508	4,877	550	509	280	10,150	508	5,17
1.700	570	6,669	550	635	349	12.250	573	7.01
6,400	560	3,584	300	565	170	6,700	560	3,75
1,800			320	595		12,120		7,38
6,950		4,448						4.58
1,400	687			674				8,06 11.32
6	,700 ,400 ,800	,700 570 3,400 560 ,800 610 3,950 640 ,400 687	,700 570 6,669 ,400 560 3,584 ,800 610 7,198 ,950 640 4,448 ,400 687 7,832	,700	,700 570 6,669 550 635 ,400 560 3,584 300 565 ,800 610 7,198 320 565 ,950 640 4,448 220 635 ,400 687 7,832 350 674	,700 570 6,669 550 635 349 ,400 560 3,584 300 565 139 ,800 610 7,188 320 595 190 ,950 640 4,448 220 635 140 ,400 687 7,832 350 674 236	.700 870 6,669 550 635 349 12,250 4,400 560 3,584 300 565 170 6,720 8,600 610 7,198 320 895 190 12,120 9,950 640 4,448 220 635 140 7,170 4,400 687 7,832 350 674 236 11,750	,700 570 6,669 550 635 349 12,250 573 ,400 560 3,584 300 565 170 6,700 560 ,800 610 7,198 320 595 190 12,120 610 ,950 640 4,448 220 635 140 7,170 640 ,400 687 7,832 350 674 236 11,750 687

¹ Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.
² Equivalent returns per ton at first delivery point.
³ Preliminary.

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Crop \ Reporting \ Board.}$

Table 390.—Filberts (shelled basis 1): Foreign trade, United States, 1964-77

Year	r beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
1965 1966 1967	*****************	2,377 2,342 3,366	1969 1970 1971 1971 1972	3,549	1976	Tons 2,01° 4,24 6,42° 3,79°

¹Unshelled nuts converted to shelled basis at ratio of 2.22 to 1.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of Commerce.

Table 391.—Macadamia nuts (in-the-shell): Area, yield, production, price, and value, Hawaii, 1964-78

Year	Area har- vested	Yield per har- vested acre i	Produc- tion 2	Price per pound	Value	Year	Area har- vested	Yield per har- vested acre ¹	Produc- tion 2	Price per pound	Value
1964	Acres 2,520 2,780 2,950 3,340 3,680 4,030 4,115 4,900	1,000 pounds 3.1 3.1 3.0 2.4 2.8 2.5 3.2 2.9	1,000 pounds 7,655 8,538 8,726 7,972 10,444 10,057 13,216 14,448	Cents 15.6 19.4 21.0 24.6 22.8 24.6 21.7 24.7	1,000 dollars 1,194 1,656 1,832 1,961 2,381 2,474 2,868 3,569	1972 1973 1974 1975 1976 1976 1977 1978	Acres 5,000 5,080 5,760 6,080 6,300 6,300 9,200	1,000 pounds 2.6 2.4 2.8 3.0 3.0 3.1 2.3	1,000 pounds 13,110 12,124 16,370 18,210 18,990 19,680 20,980	Cents 23.3 25.5 32.0 31.6 36.9 40.8 53.8	1,000 dollars 3,058 3,092 5,238 5,754 7,007 8,030 11,287

¹ Derived from total production.
² Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds):
³ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 392. - Pecans (in the shell): Production, season average price per pound, and value, United States, 1964-78

	Imp	roved varie	ties	Nati	ve and seed	lling		All pecans	
Year	Produc- tion	Price	Value	Produc- tion	Price	Value	Produc- tion	Price	Value
	1,000		1,000	1,000		1,000	1,000		1,000
	pounds	Cents	dollars	pounds	Cents	dollars	pounds	Cents	dollars
1964	55,950	27.5	15,388	122,650	20.4	25,002	178,600	22.6	40,390
1965	123,050	20.3	24,958	128,050	15.6	19,993	251,100	17.9	44,951
1966	83,960	31.6	26,538	77,640	26.0	20,214	161,600	28.9	46,753
1967	104,200	37.7	39,239	127,700	30.4	38,787	231,900	33.6	78,026
1968	94,730	42.2	40,011	97,770	32.8	32,082	192,500	37.5	72,093
1969	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,47
1970	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,52
1971	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,28
1972	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,63
1973	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,28
1974	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,963
1977	137,900 164,500	66.0 64.5	91,015	98,700 86,200	46.0 52.9	45,444 45,560	236,600 250,700	57.7 60.5	136,456 151,730

¹ Preliminary.

Table 393.—Pecans (in the shell): Production and season average price per pound, by States, 1976-78

Item and State		Production		Pric	e for crop of	-
Item and State	1976	1977	19781	1976	1977	19781
	1,000	1,000	1.000			
IMPROVED VARIETIES	pounds	pounds	pounds	Cents	Cents	Cents
la	4,000	25,600	13,000	88.0	52.6	8.00
rk	700	900	1,000	85.0	75.0	81.0
•	1,000	2,300	1,600	76.0	59.0	65.0
	43,000	68,000	105,000	85.0	66.0	60.0
	700	3,500	2,500	95.0	55.0	90.6
im	1,000	6,500	6,000	88.5	65.0	67.6
Mex	11,500	15,000	15,000	100.0	81.0	75.0
C	1,900	1,100	2,800	72.0	61.0	58.0
kla	800	1,500	2,000	90.0	77.0	89.0
C	1,700	1,500	3,600	80.0	68.7	77.0
ex	11,000	12,000	12,000	88.0	79.0	81.0
U.S	77,300	137,900	164,500	87.5	66.0	64.5
NATIVE AND SEEDLING						121
la	1,000	6,400	9,000	65.5	41.8	46.1
rk	300	2,100	3,000	61.0	50.0	60.0
	1,500	3,800	2,600	60.0	47.0	51.0
	9,000	20,000	30,000	65.0	49.0	50.0
********************	1,300	27,500	6,500	60.0	40.0	60.0
C		4,500	4,000	62.5	45.0	48.0
	900	900	1,200	53.0	50.0	42.0
klaC	1,500	12,000	13,500	60.0	46.0	56.0
	9,000	1,500	2,400	59.0	49.2	59.3
	-,	20,000	14,000	65.0	52.0	57.0
U.S	25,800	98,700	86,200	63.5	46.0	52.1
ALL PECANS	5.000	32,000	22.000		F0.4	
rk	1,000	3,000	4.000	83.5 77.8	57.5	54.8
in	2,500	6,100	4,000	66.4	51.5	65.2 56.2
a	52,000	88,000	135,000			
	2,000	31,000	9.000	81.5 72.3	62.1	57.8 68.3
lina	1.500	11,000	10.000	79.9		
Mex	11,500	15,000	15,000	100.0	56.8 81.0	59.4
C	2,800	2,000	4.000	65.9	56.1	75.0 53.3
kla	2,300	13,500	15,500	70.4	49.4	60.3
C	2,500	3,000	6,000	73.3	59.0	69.1
ex	20,000	32,000	26,000	77.7	62.1	68.1
us	103,100	236,600	250,700	81.5	57.7	60.5

1 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 394.—Pecans (shelled basis1): Foreign trade, United States, 1964-77

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
1964 1965 1966 1967 1968	1,000 pounds 296 6 418 248 750	1,000 pounds 2,536 2,669 1,778 1,903 1,840	1969	1,000 pounds 260 1,344 325 34 132		1974 1975 1976 1977	1,000 pounds 5 2,630 3,123 481	1,000 pounds 3,365 3,666 2,346 3,610

 1 Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of Commerce.

Table 395.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1964-78

		California			Oregon		California and Oregon			
Year	Produc- tion	Price	Value	Produc- tion 1	Price	Value	Produc- tion 1	Price	Value	
			1,000			1,000			1,000	
964	Tons 86,100	Dollars 458	dollars 39,434	Tons 4.100	Dollars 430	dollars 1.763	Tons 90,200	Dollars 457	dollars 41.19	
965	79,000	432	34,128	1,300	420	546	80,300	432	34,67	
966	92,000	460	42,320	4,000	400	1,600	96,000	458	43.92	
967	74,000	560	41,440	2,400	500	1,200	76,400	458 558 646	42,64	
968	92,000	650	59,800	3,600	540	1.944	95,600	646	61.74	
969	103,000	420	43,260	2,500	364	910	105,500	419	44,17	
970	108,000	407	43,956	3,800	360	1,368	111,600	405 419	45,32	
971	135,000	420	56,700	1,400	290	406	136,400	419	57,10	
972	116,000	564	65,424	800	538	430	116,800	564	65,85	
973	174,000	605	105,270	1,000	550	550	175,000	605	105,82	
974	155,000	419	64,945	1,500	380	570	156,500	419	65,51	
975	198,000	456	90,288	1,300	390	507	199,300	456	90,79	
976	183,000	627	114,741	700	605	424	183,700	627	115,16	
977	192,000	731	140,352	500	710	355	192,500	731	140,70	
9782	160,000	1,290	206,400	(3)	(8)	(3)				

Additional quantities not harvested are as follows (tons): 1975 - Oregon, 200.

²Preliminary. ³Estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 396. - Walnuts (shelled basis): Foreign trade, United States, 1964-77

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
1964	Tons 1,331 671 1,316 2,174 1,545	Tons 1,495 2,050 2,104 1,176 1,324	1969	Tons 116 247 336 646 79	Tons 2,876 4,276 7,740 6,874 11,959	1974	Tons 17 59 26 73	Tons 13,332 21,868 19,148 8,461

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from reports of the U.S. Department of Commerce.

Table 397.—Cacao beans: United States imports by country of origin, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Costa Rica Dominican Republic Hatti Mexico Trinidad and Tobago Other countries	Metric tone 3,289 23,887 1,543 3,723 1,279 3,433	Metric tons 4,498 24,224 1,400 3,713 1,887 3,406	Metric tons 3,375 26,911 2,322 1,631 1,525 4,319	Africa: Equatorial Guinea Chana Ivory Coast Nigeria Sierra Leone Other countries	Metric tons 244 48,625 19,121 43,113 813 1,853	Metric tons 33,968 38,634 20,746	Metric tons 24,001 52,042 34,869 2,281
Total	37,154	39,128	40,083	Total	113,769	94,332	113,193
South America: Brazil Ecuador	59,451 10,280	26,271 3,720	39,144 7,368	Asia and Oceania ²	14,899 30	8,112 136	5,979 607
Venezuela Other countries	2,828 746	1,830 1,374	536 1,652	Grand total	239,157	174,903	208,562
Total	73,305	33,195	48,700				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 398.—Cacao beans: Exports from principal producing countries, 1975-77

Continent and country	1975	1976	1977	Continent and country	1975	1976	1977
North America: Costa Rica Dominican Republic Grenada Jamaica Mexico Trinidad and Tobago Other countries	Metric tons 5,390 22,291 2,192 1,626 3,669 4,821 4,007	Metric tons 4,180 24,496 2,962 1,396 8,391 2,982 3,946	Metric tons 5,100 25,688 2,700 1,608 4,757 1,437 3,199	Africa — Continued Ghana Ivory Coast Liberia Madagascar Nigeria São Tomé and Principe	Metric tons 322,225 167,524 3,163 1,246 194,692 5,188	Metric tons 327,643 191,409 2,513 1,653 222,966 5,605	Metric tons 249,084 158,491 2,029 1,567 154,610
Total	43,996 176,628	48,355 128,838	44,489 107,625	Sierra Leone Tanzania Togo Uganda Zaire	5,567 618 16,183 91 5,305	5,790 658 11,806 123 4,586	5,454 678 12,377 100 4,586
Peru	37,822 101 14,393	22,236 645 7,622	20,085 1,834 7,395	Total	805,906	857,516	664,683
Total	228,944	159,341	136,939	Asia and Oceania: Indonesia	1,115	1,338 14,751	1,973
Africa: Angola Benin Cameroon	362 1,610 72,474	200 1,008 68,612	200 1,500 56,843	New Hebrides Papua New Guinea Sri Lanka Western Samoa	564 30,473 1,075 1,346	649 31,344 660 1,662	855 29,428 1,248 2,020
Comoros	2,263 3,000	2,415 7,000	20 2,433 5,000	Total	46,348	50,404	49,108
Gabon	4,380	3,514	3,640	Grand total	1,125,194	1,115,616	895,219

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

¹ Preliminary. ² Primarily Papua New Guinea.

Table 399.—Coffee: Area, yield, production, price, and value, Hawaii, 1964-65 to 1978-79

Season	Area har- vested	Yield per har- vested acre	Produc- tion	Price per pound	Value	Season	Area har- yested	Yield per har- vested acre	Produc- tion	Price per pound	Value
1964 - 65 1965 - 66 1966 - 67 1967 - 68 1968 - 69 1969 - 70 1970 - 71 1971 - 72	Acres 3,900 3,800 3,700 3,500 3,200 2,900 2,700 2,400	1,000 pounds 2.6 2.0 2.2 1.6 1.8 1.4 1.6 1.2	1,000 pounds 9,947 7,500 8,040 5,440 5,700 4,130 4,300 2,930	Dollars 0.304 .315 .256 .271 .258 .355 .337 .346	1,000 dollars 3,025 2,362 2,058 1,474 1,471 1,466 1,449 1,014	1972-73 1973-74 1974-75 1975-76 1976-77 1977-78 1978-79 1	Acres 2,400 2,500 2,500 2,000 2,000 1,900	1,000 pounds 1.5 1.2 .6 .9 1.1 1.1 .9	1,000 pounds 3,640 3,040 1,540 1,860 2,120 2,270 1,780	Dollars 0.504 .563 .464 .782 1.85 1.38 1.16	1,000 dollars 1,835 1,711 714 1,399 3,922 3,133 2,072

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 400.—Coffee: United States imports by country of origin, 1976-781

Continent and country	1976	1977	19782	Continent and country	1976	1977	19783
North America: Costa Rica Dominican Republic El Salvador Guatemala Mexico Nicaragua Other countries	1,000 bags 179 551 1,045 749 1,869 155 612	1,000 bags 272 585 1,037 832 1,406 119 394	1,000 bags 334 461 627 942 1,390 147 667	Africa — Continued Cameroon Ethiopia Ivory Coast Madagascar Rwanda Tanzania Uganda Other countries	1,000 bags 146 703 1,330 392 377 226 941 722	1,000 bags 108 288 673 212 125 216 966 768	1,000 bags 209 481 778 406 231 334 438
Total	5,160	4,645	4,568			-	
South America: Brazil Colombia Ecuador Peru Other countries	3,092 2,688 767 432 324	2,453 1,951 505 461 180	2,694 2,808 1,044 654 467	Asia and Oceania: India Indonesia Other countries	5,708 197 1,082 304	3,405 158 860 172	277 1,177 242
Total	7,303	5,550	7.667	Total	1,583	1,190	1,696
	7,000	0,000	1,001	Other countries	34	18	14
Africa: Angola	871	49	304	Grand total	19,788	14,808	18,133

¹ Green coffee only; does not include roasted or soluble.
² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

POOTNOTES FOR TABLE 405

¹Less than 500 kilograms Foreign Agricultural Service and U.S. Department of Commerce.

Table 401.—Coffee: Exports from principal producing countries, 1975-771

Continent and country of origin	1975	1976	19772	Continent and country of origin	1975	1976	19772
North America: Costa Rica Dominican Republic El Salvador Guatemala Haiti Honduras Mexico Nicaragua	1,000 bags 1,283 417 2,372 2,262 297 810 2,298 674	1,000 bags 1,071 611 2,582 1,985 447 730 2,744 794	1,000 bags 1,127 652 2,337 2,149 265 599 1,406 825	Africa—Continued Central African Empire Ethiopia Guinea Ivory Coast Kenya Madagascar Tanzania Togo Uzanda	1,000 bags 233 962 55 4,234 1,128 1,124 906 132	1,000 bags 240 1,133 17 5,380 1,292 1,216 964 162	1,000 hage 134 801 33 3,886 1,572 844 759
Total	10,413	10,934	9,360	Zaire	3,217 982	2,724 1,784	2,200 1,066
South America: Brazil	13.036	13,424	8,540	Total	17,198	17,949	13,620
Colombia Ecuador Peru Venezuela	8,138 1,030 703 216	6,233 1,440 785 298	5,322 904 741 183	Asia and Oceania: India	1,026 2,139 613	807 2,268 618	888 2,673 800
Total	23,123	22,180	15,690	Total	3,778	3,693	4,361
Africa: Angola Cameroon	2,665 1,560	1,395 1,642	1,039 1,183	Grand total	54,512	54,756	43,031

¹Green coffee only; does not include roasted or soluble.
²Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 402.—Tea: United States imports by country of origin, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Canada	Metric tons 2,640	Metric tons 2,513	Metric tons 2,170	Asia and Oceania — Continued India Indonesia	Metric tons 7,958 11,557	Metric tons 12,317 14,700	Metric tons 1,682 10,745
Total	2,640	2,513	2,170	Japan	3,229	3,378	3,218
South America: Argentina	2,120 2,178	4,891 2,348	6,729 2,027	Papua New Guinea Sri Lanka Other countries	600 21,090 214	222 16,636 618	433 14,005 367
Ecuador Peru	905	822 100	607	Total	53,600	58,647	37,304
Total	5,203	8,161	9,363	Africa: Kenya Malawi	10,687	9,470 5,611	8,230 4,242
Europe: Germany, Fed. Rep. of Netherlands United Kingdom Other countries	106 1,325 450 13	170 3,002 872 23	38 4,080 552 38	Malawi Mozambique Rwanda Tanzania Uganda Zaire Other countries	2,036 767 515 137 362 331	2,329 242 441 102 299 204	1,391 438 779 86
Total	1,894	4,067	4,708				-
Asia and Oceania:				Total	18,902	18,698	15,286
Bangladesh	1,100 3,046 4,806	897 4,216 5,663	1,008 2,881 2,965	Grand total	82,239	92,086	68,834

Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 403.—Tea: Exports from principal producing countries, 1975-77

Continent and country	1975	1976	19771	Continent and country	1975	1976	19771
South America: Argentina Brazil Ecuador Peru	Metric tons 17,434 4,496 728 151	Metric tons 25,138 5,471 1,167 32	Metric tons 26,941 5,043 1,200 89	Asia and Oceania: Bangladesh China: Mainland ² Taiwan India	55,000 20,127 219,410	Metric tons 30,725 62,000 21,112 237,303	Metric tons 25,964 68,000 20,845 223,980
Total	22,809	31,808	33,273	Indonesia	45,961 1,320	47,492 1,742	51,273 1,568
Africa: Burundi Kenya Malawi Mauritius	851 52,627 24,151 2,061	1,164 59,265 29,630 3,351	1,200 70,222 29,914 3,481	Japan Malaysia Papua New Guinea Sri Lanka Turkey	2,210 528 4,856 212,433 25	3,241 476 6,057 199,738 56	3,594 519 7,000 185,542 4,190
Mozambique	12,216	12,863	12,927	Total	585,974	609,942	592,475
Tanzania Uganda Zaire	10,356 16,964 4,602	11,998 11,652 3,582	11,121 14,662 4,210	Grand total	736,459	779,792	778,852
Total	127,676	138,042	153,104				

Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 404. - Mushrooms: Area, production, price, and value, United States, 1966-77

Year beginning	Area in		Price per	V	alue of producti	on
July	production	Production	pound	Total	Fresh market	Processing
1966 1967 1968 1969 1970 1971 1972 1973 1974	1,000 aq. ft. 80,595 83,389 84,728 82,350 87,490 102,315 107,584 110,921 114,711	1,000 pounds 164,915 180,591 188,807 193,879 206,810 231,373 254,002 279,493 299,081	Cents 35.2 34.1 35.9 37.5 43.3 46.2 43.3 44.1 49.2 61.7	1,000 dollars 58,025 61,653 67,856 72,705 89,620 106,882 109,975 123,354 147,242 191,096	1,000 dollars 19,520 21,384 25,845 28,004 31,688 38,386 42,596 58,407 76,552 102,234	1,000 dollars 38,506 40,265 42,011 44,701 57,935 68,496 67,375 64,947 70,666 88,866
1976	117,692 135,101	347,129 398,703	73.7 77.1	255,678 307,588	124,613 172,159	131,06 135,42

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 405. - Mushrooms, canned: United States imports by country of origin, 1969-78

Country	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Belgium-Luxembourg Canada	Metric tons 5	Metric tons (1) 113	Metric tons (1) 60	Metric tons 139 71	Metric tons 7 100	Metric tons	Metric tons 1 117	Metric tons 8 233	Metric tons (1) 281	Metric tons
Mainland Taiwan Costa Rica Dominican Rep	8,507	9,931	11,189 104	16,513 179 13	91 14,049 233 207	92 13,626 364 408	27 15,892 68 312	50 18,246 41 147	19 22,203 128 65	22,331 583 225
Ecuador France Hong Kong	100 393 2 750	180 339 14 355	177 449 16	209 876 165 560	282 420 82 499	153 236 99 581	207 155 117	336 110	165 1,586	194 4,369
Japan Korea, Rep. of Mexico Other	292 141 99	142 60 117	1,207 118 187	4,511 213 132	6,354 105 175	3,525 57 62	775 6,348 2 133	774 10,492	485 8,512 24 100	406 11,643 263
Total	10,289	11,253	13,954	23,638	22,604	19,335	24,154	30,547	33,568	40,051

See footnotes on page 262

Table 406. - Flowers: Sales and value, United States, 1966-78

Year	Quantity sold 1	Wholesale price	Value of sales at wholesale ²	Quantity sold 1	Wholesale price	Value of sales at wholesale 2
1111-	Sta	ndard carnation	ns 3	Min	iature carnatio	ms ³
1966	1,000 units	Cents	1,000 dollars	1,000 units	Dollars	1,000 dollars
1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	570,427 613,471 619,052 589,157 584,395 616,051 601,768 561,383 517,880 501,799 466,363	7.6 7.4 7.3 7.4 8.2 7.5 7.3 7.7 8.8 8.4 9.1	43,270 45,607 45,152 43,742 48,966 45,964 44,015 43,212 45,573 42,328 42,594	1,614 2,155 2,539 2,293 3,002 3,277 3,874 3,971 4,736 4,703 4,844	1.01 .97 1.00 1.13 1.20 1.11 1.18 1.18 1.19 1.28 1.39	1,628 2,069 2,534 2,602 3,642 4,577 4,701 5,625 6,007 6,729
	Stand	ard chrysanthe	mums	Pomj	on chrysanthe	mums
1966 1967 1968 1968 1969 1970 1971 1972 1973 1974 1976 1976 1977 1977	1,000 units 133,638 133,312 130,869 136,778 147,000 144,706 137,144 138,243 144,042 135,715 140,397 111,738 124,524	Cents 17.4 18.3 20.2 19.6 18.3 19.0 21.2 21.6 20.5 21.6 20.9 25.6 25.7	1,000 dollars 23,320 24,416 26,426 26,813 26,925 27,516 29,140 29,813 29,582 28,371 29,326 28,326 31,943	1,000 units 28,433 27,560 30,497 32,903 32,431 34,455 35,649 36,129 37,864 35,708 35,603 35,936 37,892	Dollars 0.78 0.80 .84 .83 .82 .85 .89 .91 .82 .87 .96 .99	1,000 dollars 22,158 22,845 25,636 27,195 26,651 29,241 29,733 32,967 30,922 31,093 34,157 35,479 38,910
	Pott	ed chrysanthen	nums		Gladioli	
1966	1,000 units 11,070 12,897 13,403 14,260 16,117	Dollars 1.43 1.41 1.46 1.54 1.52	1,000 dollars 15,875 18,176 19,595 21,938 24,525	1,000 units 28,619 25,748 28,080 27,170 23,360 Spikes 4	Cents 66.0 69.0 75.0 79.0 80.0	1,000 dollars 18,860 17,753 21,115 21,343 18,725
1971 1972 1973 1974 1974 1975 1976 1977	17,504 19,11 20,588 21,655 21,711 26,481 28,336 27,544	1.53 1.60 1.96 1.79 1.95 2.07 1.95 2.17	26,803 30,668 34,096 38,672 42,237 54,776 55,305 59,647	284,664 273,244 234,768 223,361 188,290 181,162 165,593 148,926	7.0 7.4 8.3 8.4 9.1 9.5 10.0 10.9	19,140 20,287 19,514 18,763 17,072 17,156 16,535 16,248
	н	lybrid Tea rose	3	8	weetheart rose	3
1966	1,000 units 309,882 317,209 308,713 308,441 309,596 297,355 319,161 306,279 307,584 301,107 306,806	Cents 13.0 13.7 13.6 14.1 15.3 16.4 16.8 17.7 19.1 20.6 22.5	1,000 dollars 40,241 43,349 42,030 43,511 47,439 48,666 53,635 54,256 58,854 62,177 69,069	98,972 110,189 130,152 120,374 122,007 123,653 12,3653 112,221 114,689 118,023	9.1 9.5 9.2 9.3 10.0 10.8 11.5 12.3 13.7 14.1 16.0	1,000 dollars 8,988 10,509 12,017 11,158 12,206 14,254 13,753 15,661 16,600 18,008

Blooms for carnations, standard chrysanthemums, and roses; bunches for pompon chrysanthemums; dozen spikes for gladioli; and pots for potted chrysanthemums.
 Equivalent wholesale value of all sales.
 Prior to 1968, separate data by type not available.
 Beginning 1971, unit changed to spikes sold.

Table 407. - Selected floriculture crops: Gross wholesale value of sales, 1977 and 1978, in selected States

								Cut	Cut flowers							
State		Carm	Carnations			Chrysan	Chrysanthemums					Ro	Roses			
	Star	Standard	Min	Miniature	Star	Standard	Por	Pompon	5	Gladioli	Hybri	Hybrid Tea	Sweet	Sweetheart	Snape	Snapdragons
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	1,000 dollars	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	7,000	000'1	7,000	7,000	1,000	1,000
The second secon											donars	dollars	dediars	dollars	dollars	dollars
Calculation of the control of the co	25,645	26,197	3,422	3,763	14,620	18,307	17,303	21,117	3,688	3,750	23,035	25,761	4,073	5.016	. 2	100
own	10000		149	1,88	::		8	287			10	8,006	€6	1,246	28	8
			433	4	1,446	1,474	9,851	9,479	9,629	9,840					369	8
	:				422	275	252	447	702	989	3.572	3 223	000	***		
	:::	:::			746	706	339	311			5,897	6,149	1,791	1,941	171	179
											::	:::			8	85
	431	204	286	340	733	25	180	648							172	172
ich					482	361	58	3	206	968	2,089	2.534	787	918	363	336
			:::		730	786	974	213			1,348	1,486	639	512	3	7
		****			478	493	488	313	1,371	945	1.250	843	367	(8)	9 5	100
	680	303	: :		200	1261	922	974	000	***	4,367	5,162	1,138	1,287	300	2857
iio	618	527	188	171	2,491	2,706	1,296	1,340	9:	191	2.779	2.873	75.2	200	78	192
	206	1,099	288	368	2.218	2.077	1.376	1.687			0	0			1	
	*****				443	465				:::	3 :	TOT's	2.410	2007	8 10	23
								*****							******	******
		*****	*****								1,029	196	409	442	orr	
nallocated	:::	:::		:::		:::	474	908		::	3,630	4,637	2,373	1.778	3	(8)
Total	42,328	42.594	6.007	6.729	28.626	31.943	38.470	38 910	16 595	16 948	00 100	00000	1000	2000	1	

See footnotes at end of table.

Table 407.—Selected floriculture crops: Gross wholesale value of sales. 11977 and 1978, in selected States.—Continued

													second administration Successive	-		
	Por	3	Pod	per	Pot	3	Poe	per	Pot	3		Bedding	Bedding plants 3		Pod.	1
States	chrysanthemums	hemums	gera	geraniums	hydra	hydrangeas		Illes	poins	poinsettias	Flow	Flowering	Vege	Vegetable	ald	plants
	1721	1978	1977	1978	1977	1978	11811	1978	1977	1978	1977	1978	1977	1978	1977	1978
	1,000	1,000	1,000	1,000	1,000	1,000	1,000		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
				1	171	188	346	•	929	1,286						
See See	10,062	12,875	689	452	32	88	360	2,786	960,6	7,874	19,930	2,423	5,121	4,814	73,231	66.136
	7,243	5,195	741	34		815	320		1,872	2.274	1,813	3,032	796	1,138	119,966	124.13
			490	908	179	192	173		838	1,006	1,719	1,288	448	424	1,356	1,584
	2,807	2,884	1,786	2,304	198	33	1,252	776	3,416	2,947	3,381	3,358	986	1,118	6,145	6,01
	1,532	1,420	864	916	82	8	512	202	1,002	1,004	1,021	883	35	908		
	- 23	579			:@8	90,8	213	27.5	618	1,213	3,088	3,019	2657	98	2,396	2,48
	3,025	3,263	3,647	4,315	168	165	1,406	1,332	3,110	3,517	10,928	12,750	3,881	4,020	7,122	7,882
	1,634	3,261	1,121	1,145	339	356	517	25	1,298	1,236	2,876	1,777	813	988	2,087	1,92
	2,615	3,218	3,211	3,781	\$ 68 5 5 6 7 7	88	945	288	2,800	3,728	1,662	6,129	2,116	2,741	4,646	6,51
	2,541	3,280	912	5,369	402	402	1,206	1.281	1,629	2,798	1,383	11,219	3.457	3,157	11.476	12.90
	2.754	2.560	1 902	988	(3)	188	230	329	910	974	1,454	1,537	1.250	683	3,042	3,98
	1,069	1,761	1.522	11011	300	725	242	988	3,815	1.301	2 254	3.589	2.134	2,189	17,830	20.284
	1.144	1.139	006	863	90	:8	176	215	1.312	1.430	1,326	2,520	28	199	::	
Wis Unallocated	1,206	1,161	1,194	1,180	414	888	654	748	1,250	1,463	1,760	2,811	780	1,026	::	:::
Total	86.308	59.647	30.487	33 700	6 949	2010	17 005	17 14K	47.084	64 900	84 450	118 90	90 KIT	99 974	078 900	900 000

Equivalent wholesale value of all sales for all crops except for for large plants, value is based on net value of sales.

3 Unallocated to avoid disclosure of individual operations.

3 Excludes value of sales from "open acreage" grown outdoors.

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 421 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1975. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

Table 408. — Hay, all: Area, yield, production, disposition, and value, United States, 1964-78

				Y	e	ar					Area harvested	,	field per acre	Produ	ction	Used of farms where produc		Sold	Season average price per ton re- ceived by farmers	Value of production
											1,000 acres		Tons	1,000	tons	1,000 to	and a	1.000 tons	Dollars	1.000 dollars
1964										 -1	67,375	1	1.76	118	,778	96,7	47	22,031	23.90	2,809,13
1965										 -	67,496	1	1.86	125	610	102.5	54	23,056	23.20	2.915.46
1966	*		×							 1	64,356	1	1.88	120	930	98,7	97	22,133	25.00	2,889,79
1967										 1	63,303	1	1.98	125	134	102.3		22,747	24.50	2,866,36
1968								. 1		 1	60,922		2.04	124	244	101.2	13	23,031	23.60	2.821.80
1969										 -1	59,716	1	2.11	126	.026	102.6		23,348	24.70	2,936,78
970										 -1	61,467	1	2.07	126	969	102.6	19	24,350	26.10	3.076.38
1971										 1	61,355	1	2.10		132	104.0		25,068	28.10	3,335,20
1972										 -	59,680	1	2.15		565	102,7		25,773	31.30	3,729,52
1973										 -	61,828	1	2.17		217	107.0		27.215	41.60	5,003,99
1974										 -	60,195	1	2.10		384	100,8		25,487	50.90	5,790,71
975										 1	61,324	1	2.16		210	106.5		26,635	52.20	6,449,14
1976										 1	60,311	1	1.99		.006	94.4		25,557	60.30	6,810,79
1977										 1	60,658		2.16		313	104.3		26,937	54.00	6.782.48
1978	1									 1	61,495	1	2.31		264	114.5		27,706	50.00	6,579,70

Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 409. - Hay, all: Stocks on farms, United States, 1964-79

		_		3	e	Bri	r					Ja	m. 1			M	ay !	1				Ye	MAI					Jan	. 1		1	Маз	1
1964 1965 1966 1967 1968 1969 1970			0 0					 	9 1			1,00	0 tos 82,6 79,0 88,6 84,8 88,4 89,6 89,3	18 328 377 909 981 960 987 965	1.	,00	19 16 22 21 24 23 24 23	ons ,809 ,568 ,720 ,938 ,929 ,664 ,056	197 197 197 197 197 197 197	3 4 5	 				 		L	8 9 8 8 7	ton. 9,44 8,79 3,15 4,68 6,20 7,43 1,48 8,12	5 0 9 7 9 2	1,0	000	\$0ms 25,4 24,3 25,3 18,5 25,8 19,5 24,0 29,9

¹ Preliminary.

Table 410.—Hay, all: Area, yield, and production, by States, 1976-78

State	A	ea harves	ted	Yield p	er harvest	ted acre	1	Production	1
Otate	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1,000	1,000	1,000				1.000	1.000	1.000
	acres	acres	acres	Tons	Tons	Tons	tons	tons	tons
da.	650	630	650	1.70	1.60	1.70	1,105	1,008	1,10
riz	245 740	250 778	244 795	6.30	5.84	5.66	1,544	1,461	1,38
alif	1.630	1.670	1,610	1.68 4.63	1.80	1.73	1,241	1,404	1,37
olo	1.410	1,350	1,370	2.12	4.63 2.06	4.32 2.20	7,554 2,991	7,729 2,785	6,95 3,01
onm	88	83	87	1.91	1.94	2.23	168	161	19
el	22	23	22	2.27	2.04	2.18	50	47	4
la	219	226	235	1.95	2.00	2.00	427	452	47
	450	470	475	2.30	1.60	2.00	1.035	752	95
iaho	1,310	1,366	1,379	3.21	3.26	3.41	4,201	4,459	4,70
d	1,220	1,230	1,220	2.83	3.01	3.01	3,458	3,708	3,67
owa	900 2.360	895 2,340	875	2.39	2.66	2.63	2,150	2,384	2,30
ans	2,350	2,340	2,300 2,290	2.82	3.17	3.61	6,654	7,423	8,30
y	1.528	1,568	1,618	1.99	2.31 1.97	2.04	4,535	5,294	4,67
	375	375	360	1.91	1.91	1.95 2.01	2,988	3,093	3,16
faine	212	214	221	2.04	1.59	2.10	718 433	715 340	72 46
M	246	243	249	2.39	2.18	2.53	589	530	63
ass	121	117	116	2.10	1.99	2.26	254	233	26
lich	1,290	1,300	1,370	2.37	2.20	2.69	3,060	2.855	3,68
inn	3,250	3,140	3,060	1.77	2.59	2.92	5,765	8,136	8,93
im	663	662	645	1.70	1.77	1.85	1,130	1,172	1.19
ont	3,350	3,455	3,450	1.48	1.65	1.73	4,948	5,700	5,98
	2,210	2,240	2,420	1.80	1.74	1.89	3,978	3,907	4,57
ebrev	3,800	3,900 420	3,800	2.04	1.93	1.98	5,953	7,530	7,53
Н	93	89	445 91	1.94	2.09	2.16 1.99	939 180	879	96
J	122	120	119	2.44	2.55	2.61	298	185 306	18
Mex	293	301	301	3.36	3.73	3.50	984	1.124	1.08
.Y	2.400	2,350	2,475	2.23	1.97	2.14	5,352	4,639	5.29
.C	350	350	360	1.46	1.49	1.70	510	521	61
. Dak	3,440	3,140	3,510	1.16	1.03	1.84	3,976	3,229	6.45
hio	1,540	1,550	1,520	2.31	2.30	2.59	3,554	3,558	3,93
kla	1,610	1,775	1,740	1.83	1.98	1.85	2,947	3,520	3,22
reg	1,060	1,030	1,045	2.34	2.37	2.49	2,459	2,437	2,60
1	1,870	1,915	1,935	2.19	2.03	2.23	4,095	3,889	4,32
c	215	220	222	2.00	1.88	2.13	18	15	1
Dak	4.300	4,500	4,600	0.66	1.80	2.00 1.88	430	396	44
enn	1,210	1,225	1,250	1.52	1.49	1.53	2,840 1,845	6,292 1,820	8,62
ex	2,150	2.250	2,355	2.50	2.08	1.85	5,370	4,676	1,91
tah	580	584	594	3.14	3.15	3.18	1.820	1.842	1.88
1	454	443	443	1.89	1.63	2.00	860	721	88
	942	932	950	1.31	1.16	1.73	1,235	1.083	1.64
ash	869	876	876	2.81	2.78	2.95	2,446	2,432	2,58
. Va	596	580	595	1.41	1.43	1.63	838	830	97
7 is	3,980	4,040	4,000	2.04	2.97	2.91	8,126	12,002	11,63
yo	1,215	1,145	1,200	1.61	1.43	1.71	1,955	1,639	2,05
U.S	60,311	60,658	61,495	1.99	2.16	2.31	120,006	131,313	142,26

¹ Preliminary.

21351572

Table 411.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, $1976\!-\!78$

04:11	Ar	ea harvee	ted	Yield p	er harvest	ed acre	1	Production	1
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1.000	1.000	1.000				1.000	1.000	1.000
	acres	acres	acres	Tons	Tons	Tons	tons	tons	tons
ris	207	210	206	7.00	6.50	6.30	1,449	1,365	1,29
krk	60	68	70	2.55	2.90	2.55	153	197	17
alif	1,100	1,140	1,090	6.00	5.85	5.45	6,600	6,669	5,94
olo	750	710	730	2.80	2.75	2.90	2,100	1,953	2,11
onn	22	20	21	2.80	2.40	2.60	62	48	5
el	7	7	7	3.00	3.00	3.20	21	21	2
daho	1,020	1,070	1,080	3.55	3.60	3.75	3,621	3,852	4,05
11	760	770	760	3.40	3.65	3.65	2,584	2,811	2,77
nd	400	420	420	3.00	3.30	3.20	1,200	1,386	1,34
owa	1,720	1,750	1,720	3.05	3.50	4.00	5,246	6,125	6,88
ans	1,000	1,010	1,050	2.75	3.15	2.80	2,750	3,182	2,94
y	198	208	208	3.00	3.10	3.00	594	645	62
	13	13	13	2.30	2.05	2.30	30	27	3
Laine	20	22	21	2.45	2.35	2.60	49	52	5
dd	66	68	69	3.20	2.90	3.40	211	197	23
lass	27	25	26	2.45	2.30	2.60	66	58	6
fich	980	1,000	1,080	2.60	2.45	2.90	2,548	2,450	3,13
dinn	2,190	2,200	2,140	2.10	3.10	3.40	4,599	6,820	7,27
diss.2	13	12	*****	1.95	2.85		25	34	
lo	500	575	550	2.20	2.65	2.70	1,100	1,524	1,48
dont	1,170	1,170	1,250	2.20	2.15	2.35	2,574	2,516	2,93
lebr	1,650	1,700	1,650	2.50	3.20	3.20	4,125	5,440	5,28
	180	180	185	3.35	3.35	3.45	603	603	65
	19 54	19 55	19 55	3.50	2.75 3.30	2.55 3.30	189	52 182	15
Mex	226	231	231	4.00	4.50	4.20	904		97
Y	990	990	1.025	2.70	2.35	2.55	2,673	1,040 2,327	2.61
i.c	15	16	1,025	2.70	2.30	2.70	41	37	
. Dak	1.840	1.600	1.980	1.30	1.20	2.10	2,392	1.920	4 18
Ohio	550	600	590	2.95	3.00	3.20	1.623	1,800	1.88
Okla	350	400	510	3.20	3.30	2.70	1.120	1,320	1.37
reg	410	415	415	3.50	3.50	3.70	1.435	1.453	1.53
a	810	825	840	2.70	2.60	2.80	2,187	2,145	2.35
4	3	3	3	2.60	2.30	2.50	8	2,190	2,00
. Dak	2,300	2,440	2,500	0.80	1.65	2.40	1,840	4,026	6.00
enn	95	100	105	2.40	2.45	2.40	228	245	25
ex	200	180	205	5.40	4.70	4.00	1.080	846	82
Jtah	460	465	470	3.50	3.50	3.55	1,610	1.628	1.66
t	94	98	93	2.25	1.90	2.55	212	186	23
a	77	82	80	2.00	1.80	3.10	154	148	24
Vash	500	503	503	3.60	3.50	3.80	1.800	1,761	1.91
V. Va	80	80	90	2.10	2.25	2.35	168	180	21
Via	3.010	3.100	3,100	2.20	3.25	3.10	6.622	10,075	9.61
Wyo	515	525	530	2.30	2.00	2.35	1.185	1,050	1.24
U.S	26.651	27,075	27,707	2.62	2.97	3.13	69,828	80,403	86.74

Preliminary. ² Beginning 1978 included in "Hay all other."

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 412. - Hay, all other: Area, yield, and production, by States, 1976-78

State	An	ea harves	ted	Yield pe	er harvest	ed acre	1	roduction	1
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1,000	1,000	1,000				1,000	1,000	1,000
Ala	acres 650	630	acres 650	Tons 1.70	Tons	Tons	tons	tons	tons
Ala	38	40	38	2.50	2.40	1.70 2.20	1,105	1,008	1,10
Ark	680	710	725	1.60	1.70	1.65	1,088	1.207	1.19
Calif	530	530	520	1.80	2.00	1.95	954	1.060	1.01
Colo	660	640	640	1.35	1.30	1.40	891	832	1,01
Conn	660 66	63	66	1.60	1.80	2.10	106	113	13
Del	15	16 226	15	1.90	1.60	1.70	29	26	2
Fla	219	226	235	1.95	2.00	2.00	427	452	47
Ga	450	470	475	2.30	1.60	2.00	1.035	452 752	470 954 654
Idaho	290	296	299	2.00	2.05	2.20	580	607	65

See footnotes at end of table.

Table 412.—Hay, all other: Area, yield, and production, by States, 1976-78—Continued

	An	ea harvest	ied	Yield pe	er harvest	ed acre	1	roduction	
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1.000	1.000	1.000				1.000	1.000	1.000
The state of the s	acres	acres	acres	Tons	Tons	Tons	tons	tons	tons
m	460	460	460	1.90	1.95	1.95	874	897	897
Ind	500	475	455	1.90	2.10	2.10	950	998	956
lowa	640	590	580	2.20	2.20	2.45	1.408	1.298	1.421
Kans	1.275	1.280	1.240	1.40	1.65	1.40	1,785	2,112	1.736
Ky	1.330	1,360	1.410	1.80	1.80	1.80	2.394	2,448	2.536
La	362	362	347	1.90	1.90	2.00	688	688	694
Maine	192	192	200	2.00	1.50	2.05	384	288	410
Md	180	175	180	2.10	1.90	2.20	378	333	396
Mass	94	92	90	2.00	1.90	2.15	188	175	194
Mich	310	300	290	1.65	1.35	1.90	512	405	551
Minn	1.060	940	920	1.10	1.40	1.80	1.166	1.316	1.656
Mino,2	650	650	645	1.70	1.75	1.85	1.105	1.138	1.190
Mo	2.850	2.880	2,900	1.35	1.45	1.55	3,848	4.176	4,490
Mont	1.040	1.070	1,170	1.35	1.30	1.40	1.404	1.391	1.63
Nebr	2,150	2,200	2,150	.85	.95	1.05	1.828	2.090	2.25
Nev	280	240	260	1.20	1.15	1.25	336	276	32
N.H	74	70	72	1.80	1.90	1.85	133	133	133
N.J	68	65	64	1.60	1.90	2.00	109	124	129
N. Mex	67	70	70	1.20	1.20	1.20	80	84	8
N.Y	1.410	1,360	1.450	1.90	1.70	1.85	2.679	2.312	2.68
N.C	335	334	343	1.40	1.45	1.65	469	484	564
N. Dak	1.600	1.540	1.530	.99	.85	1.50	1.584	1.309	2.29
Ohio	990	950	930	1.95	1.85	2.20	1,931	1.758	2.04
Okla	1.260	1,375	1.230	1.45	1.60	1.50	1.827	2,200	1.84
Oreg	640	615	630	1.60	1.60	1.70	1.024	984	1.07
Pa	1.060	1.090	1.095	1.80	1.60	1.80	1,908	1.744	1.97
R.I	6	5	5	1.67	1.50	1.80	10	4,144	A,ort
S.C	215	220	222	2.00	1.80	2.00	430	396	44
S. Dak	2.000	2.060	2,100	.50	1.10	1.25	1.000	2,266	2.62
Tenn	1.115	1.125	1.145	1.45	1.40	1.45	1.617	1.575	1.66
Tex	1.950	2.070	2,150	2.20	1.85	1.65	4,290	3,830	3,54
Utah	120	119	124	1.75	1.80	1.75	210	214	21
Vt	360	345	350	1.80	1.55	1.85	648	535	64
********	865	850	870	1.25	1.10	1.60	1.081	935	1.39
Va Wash	369	373	373	1.75	1.80	1.80	646	671	67
W. Va	515	500	506	1.30	1.30	1.50	670	650	75
Wis	970	940	900	1.55	2.06	2.25	1.504	1.927	2.02
Wyo	700	620	670	1.10	.95	1.20	770	589	80
,.	100	020	910	1.10	.90	1.20	110	389	80
U.S	33,660	33,583	33,788	1.49	1.52	1.64	50,178	50,910	55.51

¹ Preliminary. ² Beginning 1978 includes alfalfa and alfalfa mixtures.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 413.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1964-78

Year beginning May	Farm carryover May 1	Produc- tion	Total supply	Disap- pearance	Roughage- consuming animal units	Supply per animal unit	Disappear- ance per animal unit	Price received per ton
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975	Million tons 19.8 16.6 22.7 21.9 24.9 23.7 24.1 22.2 25.5 24.3 25.4 18.5 25.5	Million fons 118.8 125.6 120.9 125.1 124.2 126.0 127.0 129.1 128.6 134.2 126.4 132.2 120.0	Million tons 138.6 142.2 143.6 147.0 149.1 151.3 154.1 155.5 151.8 150.7	Million tons 122.0 119.5 121.7 122.1 125.4 125.6 128.9 125.8 129.8 133.0 135.2 126.0	Million units 89.8 88.9 88.2 88.1 87.5 88.0 89.9 91.1 93.2 99.5 103.8 99.0 95.8	Tons 1.54 1.60 1.63 1.67 1.70 1.70 1.68 1.66 1.65 1.59 1.46	Tons 1.36 1.38 1.39 1.43 1.43 1.43 1.43 1.38 1.39 1.34	31.3 41.6 50.9 52.2 60.3
1976 1977 1978 1	19.5 24.1	131.1 142.3	145.5 150.6 166.5	126.6 136.6	91.1 87.5	1.52 1.66 1.90	1.32 1.79 1.56	54.0 50.0

1 Preliminary.

55826 . 5808820468876280209781206 - 5 -

Economics, Statistics, and Cooperatives Service - Economics.

Table 414.—Hay, all: Production, disposition, and value, by States, crop of 1978 (preliminary)

and the second	2 1000	Used on farms		Season aver-	Value	of—
State	Production	where produced	Sold	age price per ton, baled	Production	Sales
	1.000	1.000	1.000		1.000	1.000
	tons	tons	tons	Dollars	dollars	dollars
Ala	1,105	961	144	84.50	60,223	7,848
Ariz	1,382	207	1,175	60.00	82,920	70,500
Ark	1,375	1,299	76	40.00	55,000	3,040
Colo	6,955 3,013	1,947	5,008 1,326	59.50	413,823	297,976
	194	1,687	27	49.50 73.00	149,144	1.971
Conn	48	36	12	70.00	3,360	840
Ta	470	352	118	57.00	26,790	6.726
Ga	950	826	124	56.50	53,675	7,006
daho	4,708	3,201	1,507	35.50	167.134	53,499
11	3,671	3.249	422	53.00	194.563	22,386
Ind	2.300	2.047	253	58.50	134,550	14.801
owa	8,301	7,512	789	42.50	352,793	33,533
Kans	4,676	3,507	1,169	45.00	210,420	52,608
Ку	3,162	2,956	206	49.00	154,938	10,094
	724	637	87	43.00	31,132	3,741
Maine	465	409	56	87.00	26,505	3,192
Md	631	549	82	70.00	44,170	5,740
Mass	262	229	33	73.00	19,126	2,406
Mich	3,683 8,932	3,002	681	45.50	167,577 366,212	30,986 43,953
	1.193	7,860 1,050	1,072	41.00 50.00	59,650	7,150
Miss	5,980	5,232	748	45.50	272,090	34.034
Mont	4,576	4.096	480	43.00	196,768	20,640
Nebr	7.538	6,257	1.281	34.50	260,061	44.196
Nev	963	674	289	52.50	80,558	15.173
N.H	181	159	22	69.00	12.489	1.516
N.J	310	180	130	75.00	23,250	9,750
N. Mex	1,054	401	653	64.00	67,456	41,790
N.Y	5,297	4,820	477	57.00	301,929	27,186
N.C	612	539	73	64.00	39,168	4,672
N.Dak	6,453	5,801	652	36.00	232,308	23,47
Ohio	3,934	3,029	905	52.50	206,535	47,513
Okla	3,222 2,607	2,481	741	56.00	180,432 127,743	41,496 33,22
Oreg	4,323	1,929 3,545	678 778	49.00 62.00	268,026	48.23
R.I	17	3,545	2	73.00	1,241	14
S.C	444	378	66	56.00	24.864	3.696
S. Dak	8,625	7,711	914	28.50	245,813	26.049
Tenn	1,912	1,769	143	50.00	95,600	7,150
Tex	4.368	3,407	961	54.00	235,872	51.89
Utah	1.886	1.301	585	47.00	88.642	27,498
Vt	885	836	49	65.00	57,525	3,188
Va	1,640	1,517	123	65.00	106,600	7,998
Wash	2,582	1,523	1,059	47.00	121,354	49,773
W. Va	970	892	78	47.00	45,590	3,666
Wis	11,635	10,634	1,001	37.00	430,495	37,037
Wyo	2,050	1,742	308	48.50	99,425	14,93
U.S	142,264	114,558	27,706	50.00	6,579,701	1,371,530

Table 415.—Hay: Area and production, by kinds, United States, 1964-78

Year	Alfalfa	Clover and timothy	Lespe- deza	Soy- bean	Cow- pea	Peanut- vine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
	1				A	ea harves	ited		17.90		
944	1,000 acres 29,384 29,705 28,950 27,997 26,964 27,276 27,899 27,896 26,877 27,271 26,657 27,075 27,707	1,000 acree 13,440 13,023 12,883 12,789 12,685 12,513 (2)	1,000 acres 2,471 2,338 1,730 1,590 1,375 1,178 1,098 (2)	1,000 acres 463 (1)	1,000 acres 52 (1) (2)	1,000 acres 452 450 450 330 311 337 312 (2)	1,000 acres 2,942 2,738 2,738 2,289 2,480 2,693 2,762 (2)	1,000 acres 10,584 10,057 9,035 9,422 8,564 8,314 8,549 (2)	1,000 acres 7,587 9,185 8,588 8,916 8,543 8,022 8,656 (2)	1,000 acres 33,082 34,191 33,756 32,402 33,318 34,053 33,563 33,563 33,788	1,000 acres 67,37 67,49 64,35 63,30 60,92 59,71 61,45 59,68 61,82 60,19 61,33 60,65 61,49
						Productio					
4	1,000 tons 71,304 74,854 73,632 75,883 75,573 77,285 78,226 78,952 74,368 77,979 69,828 80,403 86,745	1,000 tons 19,821 20,086 20,885 22,132 22,837 22,933 23,403 (1)	1,000 tons 3,049 3,051 2,192 2,400 1,937 1,706 1,615 (**)	1,000 tons 653 (1)	1,000 tons 80 (1) (2)	1,000 tons 309 316 236 236 236 237 (*)	1,000 tons 3,872 3,883 3,603 3,529 3,943 3,920 (2)	1,000 tons 9,387 9,600 7,867 9,034 7,928 8,238 8,161 (2)	1,000 tons 10,333 13,820 13,015 13,767 14,155 13,087 14,188 (2)	50,143 51,396 51,847 50,339 55,412 52,016 54,231 50,178 50,910	1,000 toms 118,77 125,61 120,93 125,13 124,24 126,00 129,13 128,56 134,22 126,38 132,21 120,00 131,33 142,33

¹Included in "Other hay" from 1965 through 1970. ²Not estimated separately; included in "All other hay."

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 416. - Pasture and range: Condition, first of month, United States, 1964-78

Year	April 23	May	June	July	August	September	October	November	December 1
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
964	72	81	79	77	70	68	73	68	
965	73	79	81 82 77	84 78	79	78	83	82	
966	79	81	82	78	68	77	78	76	
967	74	79	77	85	84	79	79	79	
968	77	83	85	86	82	81	82	81	
969	77	86	85 89	85 86 85	83	77	82 78	78	
970	79	84	85	86	76	73	80	81	
971	70	75	80	80	77	78 77 79 81 77 73 77	80	83	******
972	{ 478	} 78	84	82	81	81	80	81	5.8
973	{ 486 586	87	87	87	83	78	82	83	0.8
974	179	81	84	82	66	71	75	70	37
975	{ 477 975	} 76	86	88	80	76	80	77	87
976	473	79	77	75	70	61	63	66	86
977	*68	} 76	74	68	64	71	76	75	87
978	168	75	85	85	77	75	77	73	87

See footnotes on page 279.

Table 417.—Pasture and range: Condition, June 1 and Sept. 1, by States, average 1967-76, annual 1977 and 1978

	Cond	ition Ju	ane 1	Condition Sept. 1				Cond	ition J	une 1	Condition Sept. 1		
State	Average 1967 – 76	1977	1978	Aver- age 1967 - 76	1977	1978	State	Aver- age 1967 - 76	1977	1978	Aver- age 1967 - 76	1977	1978
Ala Ariz Ariz Ark Colo Colo Conn Del Fla Ga Idaho Ill Ind Jowa Ky La Maine Md Mass Mish Minn Mish Mo	Per- cent 83 74 87 87 86 88 90 71 11 90 86 85 92 87 88 88 88 88 88 88 88 88 88 88 88 88	Per- cent 63 63 60 72 41 69 88 67 50 80 80 90 81 69 91 67 77 73 81 68	Per- cent 87 100 91 100 79 86 91 75 83 97 90 90 90 90 88 88 89 86 90 92 86 90 99	Per- cent 82 75 74 74 75 77 78 85 82 83 80 83 77 72 88 80 80 81 80 81 86 67 86 86	Per- cent 63 63 73 72 39 72 78 55 55 55 55 69 87 90 92 92 92 92 74 74 71 71 71 71 78	Per- cent 81 67 54 92 61 88 88 88 88 88 78 80 70 70 70 56 88 88 86 75 75 75 75	Nev N.H N.J N.Mex N.Y N.C N.Dak Ohio Okla Oreg Pa R.I S.C S.Dak Tenn Tex Utah Vv v Waah W. Va Wis Wyo	Per- cent 82 89 88 88 88 88 89 90 91 84 90 77 77 79 90 88 89 90 86 85 85 85	Per- cent 60 85 79 77 89 74 44 77 91 64 79 90 68 80 80 85 75 67 61 61 61 61 82	Per- cent 87 90 89 91 85 91 86 87 86 89 89 89 85 55 52 89 94 86 96	Per- cent 80 80 77 76 83 83 83 68 83 79 81 79 80 80 70 70 70 80 86 87 77 78 80 80 80 80 80 80 80 80 80 80 80 80 80	Per- cent 69 78 87 81 78 61 49 88 80 59 59 59 61 76 64 55 74 77 75	Per- cent 8 8 8 7 7 7 8 8 8 8 8 8 8 8 8 8 9 9 9 9
Mont Nebr	83	89	89	68	89	80	U.S	83	74	85	75	71	7

¹Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 418.—Field seeds: Production of clean seed, United States, 1964-78

Year	White clover	Ladino clover	Red- top	Or- chard- grass 1	Ken- tucky blue- grass ²	Sudan- grass	Smooth brome- grass	Crested wheat- grass	Chew- ings fescue	Red fescue	Tali fescue	Bent- grass
	1,000	1,000	1,000	1,000	1.000	1.000	1.000	1,000	1,000	1,000	1.000	1.000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1964	5,602	5,120	3,240	14,940	19,238	40,305	13,194	1.536	7.920	5,310	61,924	9,67
1965	4,026	4,930	(3)	13,490	22,833	(8)	(3)	(3)	6,290	6,014	56,564	7,74
1966	3,640	4,205		10,010	30,247				7,175	6,918	79,596	8,46
1967	2,164	3,600	****	6,880	34,651		****	****	7,350	8,893	49,730	7.96
1968	840	3,688		6.510	33,924				5,760	6,578	55,832	6.51
1969	2,098	4.950		8,060	33,709				7,425	6,348	64,833	5,72
1970	2,410	4,760		8,673	36,519				7,260	6,150	83,065	7.47
1971	4,800	4.950		8,273	48,643				8,670	7,800	91,462	10,19
1972	(3)	3.875		19,270	46,622				6,765	6,380	88,995	9,63
1973		3,120		20,379	35,859				7,700	7.250	131,970	9,58
1974		3,285		15,942	55,603				6,825		103,860	9,23
1975		4.290		14,205	36,578				5,750	6,720	123,120	7,78
1976		3,422		12,000	34,834				5,415	6,630	85,310	6,68
1977		3,300		10,348	19,766				5,500	6,000	107,670	6,80
1978		3,562		10.090	44,946				4.950	5,280	165,335	4,14

Does not include Oregon prior to 1972.
 Other than Merion, prior to 1976.
 Estimates discontinued.

Table 419.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1964-78

	Area	Yield	Produc-	Season average	Value	Carry	yover Jur	ne 30			Total	
Year	har- vested	per	tion (clean seed)	price per 100 lb.	of pro- duction	Farm	Dealer	Total	Imports	Total supply	dissap- pear- ance	Experts
						Alfalf	a seed					
1964	Acres 695,500 607,000 572,800 463,200 624,600 374,100 412,500 456,000 342,000 350,000 529,000	Pounds 201 198 204 243 215 221 239 282 244 267 231 238 175	1,000 pounds 140,142 119,977 117,054 112,637 115,225 102,518 137,977 118,747 105,468 102,408 111,300 91,405 80,748 97,105 92,495	Dollars 31.30 33.00 35.60 41.10 37.90 37.40 35.50 43.60 86.60 102.00 108.00 117.00	1,000 dollars 43,608 39,383 41,445 46,200 43,603 38,279 41,345 45,818 88,372 92,534 62,284 81,009 103,318 107,009	1,000 pounds 12,502 11,666 7,599 5,220 5,548 4,852 4,134 9,464 6,084 2,155 14,996 7,852 3,908 4,308	1,000 pounds 30,552 35,454 27,692 28,992 30,077 32,579 32,397 29,205 21,614 25,850 38,156 22,120 23,960	1,000 pounds 43,054 47,120 35,291 34,212 35,625 37,430 26,293 41,861 35,289 28,006 53,151 35,482 28,268	1,000 pounds 413 63 114 1,077 680 165 54 72 270 191 1229 111 160 777	1,000 pounds 183,609 167,160 152,459 147,926 151,530 140,113 164,324 160,680 141,024 128,108 139,534 144,667 123,910	1,000 pounds 136,489 131,869 112,301 114,100 113,820 122,463 125,391 115,515 100,103 86,383 109,219 90,328 95,642	1,000 pounds 9,262 16,686 17,701 10,944 12,244 16,610 20,966 17,830 17,658 17,239 13,403 16,660 11,033 16,804
						Red clo	ver seed					
1964	Acres 837,200 645,800 672,100 477,000 487,500 445,300 337,7600 261,800 347,600 244,100 294,700	Pounds 96 100 94 92 83 101 103 96 92 98 107 102 102 110	1,000 pounds 80,755 64,765 63,183 43,787 37,920 46,084 40,478 25,118 30,455 31,257 36,414 35,291 24,877 32,456	Dollars 24.20 23.20 22.90 27.00 30.70 35.60 31.70 27.50 40.70 61.90 58.40 49.50 63.20 73.50 67.10	1,000 dollars 19,197 14,761 14,333 11,389 11,473 14,317 14,359 11,014 9,995 18,393 17,829 17,886 21,714 17,642 21,271	1,000 pounds 10,676 17,166 14,204 15,628 8,325 6,846 5,310 6,403 8,135 5,263 4,630 5,324 6,244 6,203 4,837	1,000 pounds 12,237 16,136 16,780 11,952 8,131 10,488 12,325 10,885 8,021 6,002 4,748 6,307 8,200 6,620	1,000 pounds 22,913 33,302 30,984 32,414 20,277 14,977 15,798 18,728 19,020 13,284 10,632 10,072 12,551 14,403 11,457	1,000 pounds 1,285 1,084 3,082 6,353 9,891 7,391 5,104 5,605 6,128 3,684 5,451 5,041 3,373 3,514	2,000 pounds 104,953 99,151 97,249 82,554 68,088 62,960 66,966 64,811 50,266 47,423 47,340 51,527 51,215 42,794	1,000 pounds 71,651 68,167 64,835 62,277 53,111 47,162 48,258 45,791 36,982 36,791 37,268 38,976 36,812 31,337	1,000 pounds 4,234 2,231 2,112 690 1,385 1,541 1,166 1,666 577 811 3,154 2,03
						Ladino c	lover see	d				
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1976 1977	Acres 16,000 14,500 12,000 12,500 18,500 12,000 18,500 11,600 11,600 11,600 11,600 12,000 13,700 12,000 13,700	Pounds 320 340 290 300 285 300 275 250 265 363 390 295 275 275 260	5,120 4,930 4,205 3,600 3,688 4,950 4,760 4,950 3,875 3,120 3,285 4,290 3,422	Dellars 52.50 45.50 50.00 62.50 71.00 68.50 64.00 62.50 100.00 107.00 120.00 115.00	5,256 4,590 4,449 3,960	1,000 pounds 6	1,000 pounds 2,207 2,540 1,923 1,855 1,810 1,015 1,415 1,281 1,875 1,435 1,254 1,646 1,716 1,880 1,730	1,000 pounds 2,213 2,540 1,923 1,855 1,810 1,015 1,415 1,415 1,429 1,676 1,646 1,756 1,880 1,780	1 2 10 5 10 12 3 180	6,289 5,755 4,573 4,551 5,939 5,358	1,000 pounds 4,793 5,547 4,273 3,646 4,485 4,541 4,948 4,414 4,312 3,319 2,905 4,183 3,478 3,460	1,000 pounds 2,570 3,251 3,377 2,100 2,700 2,344 3,255 2,49 3,322 3,488 1,080 1,577 2,700 2,111

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1964-78—Continued

	Area	Yield	Produc-	Season average	Value	Carr	yover Ju	ne 30			Total disappearance 1,000 pounds 11,718 9,958 9,754 7,224 6,269 6,351 6,495 6,35 6,495 6,35 6,35 6,35 6,35 6,35 6,35 6,35 6,3	
Year	har- vested	per acre	(clean seed)	price per 100 lb.	of pro- duction	Farm	Dealer	Total	Imports	Total supply		Exporta
						Crimson o	lover see	d				
1964	Acres 43,700 34,800 34,900 28,400 26,500 11,300 8,600 7,100 6,700 11,500 10,500	Pounds 291 239 235 279 266 303 337 224 241 320 253 336 330 300	1,000 pounds 12,699 8,310 5,214 7,912 7,031 7,431 8,992 3,742 2,718 1,796 2,247 3,680 3,795 3,150	Dollars 14.10 18.70 20.60 21.90 22.80 13.10 15.40 20.83 59.80 35.90 57.80 35.90 49.00	1,000 dollars 1,822 1,566 1,713 1,612 1,612 1,679 1,192 577 564 989 1,038 1,344 1,304 1,344 1,344 1,344	1,000 pounds 205 531 460 113 75 77 7411 1,885 449 77 113 37 38	1,000 pounds 2,414 3,069 1,492 299 1,025 1,787 2,534 3,557 2,274 625 429 145 637 1,150	1,000 pounds 2,619 3,600 1,925 412 1,100 1,864 2,945 5,442 2,723 696 452 202 647 1,187 1,358	1,000 pounds	1,000 pounds 15,318 11,910 10,166 8,324 8,133 9,296 11,937 9,185 5,452 2,249 2,649 4,329 4,985	pounds 11,718 9,958 9,754 7,224 6,269 6,351 6,495 6,462 4,756 3,000 2,047 2,002 3,142 3,627	1,000 pounds
						Lesped	rza seed					
1964	Acres 283,500 301,500 239,500 196,200 172,000 183,300 185,500 58,500 68,600 57,400 56,600 49,700	Pounds 196 226 218 196 224 227 229 194 192 208 189 219 190 206 212	1,000 pounds 55,600 68,232 52,230 38,512 38,500 47,017 37,830 25,323 14,965 15,436 11,038 15,012 10,912 11,670 10,531	Dollars 14.80 11.70 14.40 15.20 16.40 15.30 13.90 15.40 22.30 37.20 36.10 31.40 44.00 69.80 45.00	1,000 dollars 8,236 8,062 7,520 5,867 6,337 7,149 5,219 3,775 3,345 5,715 4,023 4,739 4,739 4,796	1,000 pounds 1,754 2,196 2,460 1,670 1,060 2,538 1,995 1,040 489 696 479 490 582	1,000 pounds 3,162 2,185 5,834 1,587 2,819 10,007 8,654 4,382 1,479 1,479 1,499 1,840 2,310	1,000 pounds 4,916 4,381 8,298 8,042 3,257 3,879 12,545 10,649 5,422 2,647 3,629 2,471 1,978 2,330 2,862	1,000 pounds	1,000 pounds 60,516 72,613 60,528 46,554 41,787 50,896 50,376 35,972 20,407 18,083 14,667 17,483 12,890 14,000	56,135 64,315 52,486 43,297 37,878 38,351 39,726 30,550 17,760 14,454 12,196 15,506 10,560	1,000 pounds
						Timot	ny seed					
1964	Acres 202,500 194,500 2174,600 125,300 136,700 130,700 134,600 78,400 73,000 65,100 80,500	Pounds 145 169 159 157 152 177 178 207 190 161 171 185 173 187 211	1,000 pounds 29,313 32,792 34,160 27,484 19,078 25,283 28,250 20,953 23,728 23,728 23,038 14,488 12,633 12,149 16,965	Dollars 15.50 14.50 9.00 5.83 8.65 8.41 7.10 8.05 15.60 31.80 21.30 14.80 27.50 50.60	1,000 dollars 4,549 4,770 3,102 1,595 1,683 2,321 1,794 2,267 3,259 7,439 4,826 2,080 3,429 6,132 7,256	1,000 pounds 1,129 1,100 1,326 4,263 4,774 2,273 2,601 2,922 1,718 860 1,347 2,639 4,313 1,335 627	1,000 pounds 3,095 5,540 8,992 14,383 14,784 10,102 6,870 2,593 6,738 9,568 5,556 3,920 1,260	1,000 pounds 4,224 6,640 10,318 18,646 19,558 12,552 14,295 13,024 8,588 3,453 8,085 12,207 9,869 5,255 1,887	1,000 pounds 409 328 2,888 252 423 70 259 55 619 996 552 790 1,440	1,000 pounds 33,946 39,760 47,364 46,382 39,059 40,125 39,059 41,329 30,160 28,179 31,832 27,247 23,292 18,844	1,000 pounds 27,306 29,442 28,720 25,830 36,813 32,741 26,707 20,94 10,625 17,378 18,037 16,957	1,000 pounds 4,814 6,345 1,486 3,277 1,565 5,617 6,895 6,644 8,254 4,055 3,286 5,222 8,155 4,176

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value and supply and disappearance, United States, 1964-78—Continued

	Area	Yield	Produc-	Season	Value	Carr	yover Jui	ne 30			Total	
Year	har- vested	per	(clean seed)	price per 100 lb.	of pro- duction	Farm	Dealer	Total	Importa	Total supply	disap- pear- ance	Exports
						Orchardg	rass seed					
964	Acres 68,000 55,000 43,000 32,000 32,500 46,000 37,400 28,000 22,300 22,200	Pounds 220 245 233 222 203 234 255 419 455 426 455	1,000 pounds 14,940 13,490 10,010 6,880 6,510 8,673 8,273 19,270 20,379 15,942 14,266 12,060 10,348 10,090	Dollars 16.10 15.50 15.00 15.30 19.50 19.20 20.20 19.20 23.30 32.10 26.10 30.10 30.39.30	1,000 dollars 2,411 2,094 1,501 1,275 1,587 4,481 6,900 5,119 3,615 3,615 3,417 3,962	1,000 pounds 264 500 363 397 240 216 259 282 268 748 947 1,922 463 1,025 238	1,000 pounds 2,582 4,549 4,944 6,044 4,924 5,450 5,587 5,964 6,839 7,154 8,604 8,013 8,603 8,630 7,170 4,550	1,000 pounds 2,846 5,049 5,307 6,441 5,666 6,246 7,107 7,902 9,551 9,935 9,284 8,195 4,788	1,000 pounds 5,406 3,788 5,821 6,859 8,196 4,918 1,670 1,724 1,453 101 83 145 1,227 482	1,000 pounds 23,192 22,327 21,138 20,180 19,870 18,644 16,189 16,243 27,830 28,382 25,576 24,285 22,571 19,025	1,000 pounds 18,143 17,020 14,697 15,016 14,204 12,798 9,943 9,136 19,928 18,831 15,641 15,001 14,376 14,237	1,000 pounds
					(hewings	fescue sec	rd				
964	Acres 16,500 17,000 17,500 16,000 16,500 17,000 16,500 17,000 16,500 17,000 14,000 13,000 11,000 11,000 11,000	Pounds 480 370 410 360 450 440 510 410 550 525 500 570 550 450	1,000 pounds 7,920 6,290 7,175 7,350 5,760 7,425 7,260 8,670 6,765 7,700 6,825 5,750 4,950	Dollars 33.00 42.50 25.50 22.00 24.00 33.00 28.00 31.00 26.00 31.00 52.00 52.00 59.00	1,000 pounds 2,614 2,673 1,830 1,267 1,782 2,396 2,428 2,232 4,004 2,116 1,495 2,328 2,860 2,921	1,000 pounds 314 40 126 789 514 403 371 218 434 68 693 1,820 460 108 330	1,000 pounds 2,594 1,801 2,374 2,712 1,174 1,905 2,830 2,479 2,159 2,365 2,178 2,019 1,670 1,140	1,000 pounds 2,908 1,841 2,504 3,029 3,226 1,577 2,276 3,048 2,913 2,227 3,058 3,998 2,479 1,778 1,470	1,000 pounds 0 0 0 299 6 6 4 286 76 10 60 6 43 9 13 25	1,000 pounds 10,828 8,131 9,708 10,385 8,990 9,030 9,612 11,728 9,738 9,933 9,926 9,787 7,907 7,303	1,000 pounds 8,987 5,627 6,679 7,153 6,754 6,564 8,815 7,511 6,875 5,928 7,278 6,129 5,833	1,000 pound
						Red fee	cue seed					
1964	Acres 10,150 13,530 15,250 16,700 15,500 14,000 14,500 14,500 14,000 13,000 14,000 11,000 11,000	Pounds 523 444 454 533 424 447 410 520 440 500 500 480 500 480	1,000 pounds 5,310 6,014 6,918 8,893 6,578 6,348 6,150 6,380 7,250 7,750 6,720 6,630 6,000 5,280	Dollars 36.50 41.90 25.30 18.90 20.90 25.00 31.50 29.00 34.00 61.00 25.00 42.00 52.00 57.00	1,000 dollars 1,938 2,518 1,752 1,683 1,377 1,585 1,937 2,262 2,169 4,423 2,325 1,680 2,785 3,120 3,010	1,000 pounds 19 52 114 607 474 646 189 123 0 64 362 1,938 605 862 600	1,000 pounds 3,644 2,649 6,817 5,909 6,759 7,718 7,016 6,406 5,262 3,410 6,349 6,000 5,391 9,400 7,150	1,000 pounds 3,663 2,701 6,931 6,516 7,233 8,364 7,205 6,529 5,262 3,474 6,711 7,938 5,996 10,262 7,780	1,000 pounds 7,432 14,436 9,701 10,423 16,387 14,476 16,683 11,928 10,999 15,318 10,549 13,369 12,369 19,375	1,000 pounds 16,405 23,151 23,550 25,832 30,198 29,188 30,038 26,257 22,641 26,042 25,010 28,027 34,995 36,637	1,000 pounds 13,704 16,220 17,034 18,599 21,834 21,983 23,509 19,167 19,331 17,072 22,031 24,733 27,887	1,000 pounds

See footnotes at end of table.

) fig. 1.00 (1.00

Table 419.—Field seeds, by kinds: Area, yield, production, value, and supply and disappearance, United States, 1964-78—Continued

	Area	Yield	Produc-	Season average	Value	Carr	yover Ju	ne 30			Total	
Year	har- vested	per acre	(clean seed)	price per 100 lb.	of pro- duction	Farm	Dealer	Total	Imports	Total supply	disap- pear- ance	Exports
					Tall (A	lta & Ky	. 31) feec	ue seed				
1964 1965 1966 1966 1968 1968 1970 1971 1973 1973 1975 1976 1977 1977	Acres 250,400 243,100 308,700 227,900 2255,800 321,100 257,700 315,000 452,000 451,500 370,500 566,000	Pounds 213 233 258 244 245 259 307 283 292 254 273 234 292	1,000 pounds 61,924 56,564 79,593 49,739 55,832 64,833 83,065 91,462 83,310 103,860 123,120 85,310 107,670 165,335	Dollars 9.72 9.38 8.32 8.58 10.50 14.30 9.00 9.10 12.30 17.10 14.10 13.60 20.00 23.00 12.20	1,000 dollars 6,054 5,315 6,640 4,278 5,845 9,283 7,481 8,341 11,002 22,574 14,724 16,796 17,089 24,761 20,179	1,000 pounds 1,750 4,208 2,849 7,652 2,163 6,386 2,857 1,397 6,397 9,151 7,119 1,615 2,007	1,000 pounds 7,702 10,299 10,687 18,432 9,472 5,030 13,565 12,820 9,326 9,430 23,668 18,206 25,020 9,850 10,890	1,000 pounds 9,452 14,507 13,506 26,084 11,689 6,535 15,728 19,206 12,183 10,827 30,065 27,356 31,465 12,897	1,000 pounds 7 0 1 1 0 1 2 2 2 1 0 4 9 1 1 7 6 1 0 4 4 6 6 4 4	1,000 pounds 71,383 71,070 93,100 75,823 67,502 71,370 96,814 110,668 101,2273 142,973 133,935 150,485 117,485 119,139	1,000 pounds 56,876 57,565 67,016 64,154 60,967 55,642 79,608 96,485 90,400 112,908 106,579 118,341 105,990 106,242	1,000 pounds
						Bentgri	ass seed					
1964 1965 1966 1967 1968 1969 1971 1972 1973 1975 1976 1977 1978	30,250 26,150 26,120 26,230 27,260 28,330 27,000 26,000 20,500 19,000 17,000	Pounds 305 238 268 264 249 219 285 374 340 355 385 385 400 230	1,000 pounds 9,673 7,746 8,463 7,978 6,516 5,733 10,193 9,632 9,585 9,230 7,790 6,650 6,800 4,140	Dollars 33.80 41.90 25.90 35.10 36.60 50.20 47.60 49.40 42.40 40.00 40.00 40.00 25.00	1,000 dollars 3,273 3,246 2,187 2,800 2,382 2,876 5,031 4,082 5,176 3,692 3,428 5,175	1,000 pounds 235 209 784 857 835 455 114 223 113 327 742 2,125 1,558 865 68	1,000 pounds 2,201 2,717 2,636 1,955 1,742 1,323 1,496 2,263 2,003 2,000 1,720 1,550 950	1,000 pounds 2,436 2,926 3,420 2,807 2,790 2,197 1,437 1,719 2,376 2,771 3,345 4,125 3,278 2,415 1,018	1,000 pounds 16 8 9 5 110 197 20 63 111 92 41 60 53 20	1,000 pounds 12,125 10,680 11,892 10,790 9,416 8,127 8,930 11,975 12,019 12,448 12,616 11,975 9,981 9,235	1,000 pounds 9,199 7,260 9,085 8,000 7,219 6,690 7,211 9,599 9,248 8,491 8,697 7,566 8,217	1,000 pounds 7,18* 6,04* 8,08 6,27 6,95 7,50 9,14* 9,67* 8,71 8,42 7,36 6,43
						Hairy ve	etch seed					
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1975 1976 1976 1977	90,000 73,500 55,500 55,200 51,600 46,400 46,400 33,000 24,500 28,400	Pounds 226 131 216 189 163 178 226 159 182 270 450	1,000 pounds 27,212 11,960 19,480 13,862 9,020 9,799 10,508 10,487 7,390 6,005 4,310 6,889 6,855 8,235 3,600	Dollars 11.70 14.30 11.80 8.44 11.20 12.20 11.30 13.60 19.05 24.00 27.10 32.00	1,000 dollars 3,176 1,687 2,301 1,170 991 1,400 1,335 1,284 837 816 821 1,656 1,723 2,234 1,152	1,000 pounds 1,100 823 404 959 708 650 580 544 1,335 637 430 82 448 148	1,000 pounds 3,067 1,523 1,243 6,023 5,014 2,336 1,927 3,263 3,524 2,590 3,628 703 2,688 1,060 850	1,000 pounds 4,167 2,346 1,647 6,982 5,722 2,986 2,507 4,859 3,227 4,058 785 3,136 1,208 898	1,000 pounds 0 0 1,164 1,183 5 5 2 4 111 0 3 2	1,000 pounds 31,379 14,306 21,135 20,844 15,906 13,938 13,020 14,299 12,251 9,236 8,479 7,674 9,994 9,445	1,000 pounds 29,033 12,659 14,153 15,122 12,920 11,431 9,440 9,024 5,178 4,538 8,786 8,547	1,000 pounds

See footnotes at end of table.

Table 419.—Field seeds, by kinds: Area, yield, production, value and supply and disappearance, United States, 1964-78—Continued

	Area	Yield	Produc-	Season	Value	Carr	yover Jur	se 30			Total	
Year	har- vested	per	(clean seed)	price per 100 lb.	of pro- duction	Farm	Dealer	Total	Imports	Total	disap- pear ance	Exports
						All ryeg	rass seed					
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1975 1976 1977	Acres 151,000 142,000 142,000 143,000 185,000 174,000 180,000 180,000 180,000 180,000 180,000 180,000 180,000	Pounds 1,190 1,130 1,070 1,165 1,160 1,290 1,290 1,160 1,180 1,260 1,180 1,242 1,164 1,242	1,000 pounds 179,690 180,460 151,940 136,960 166,595 189,080 218,400 206,800 218,500 195,940 270,800 240,960	Dollars 4.75 5.90 5.90 6.50 6.50 7.90 6.50 7.30 17.00 11.50 13.50 13.40	1,000 doilars 8,535 9,467 8,964 8,902 13,161 15,315 14,190 15,407 33,408 37,145 26,082 30,357 36,188 33,500	1,000 pounds 7,286 12,219 17,101 9,568 5,478 2,493 13,442 28,002 29,129 555 22,968 16,991 18,900 6,503 30,286	1,000 pounds 42,393 40,805 34,329 34,093 21,895 28,435 28,435 41,007 34,562 41,007 34,565 48,571 34,670 43,650	1,000 pounds 49,679 53,024 51,430 43,661 27,373 31,332 41,572 60,810 83,821 41,562 57,530 49,156 67,471 41,173 73,936	1,000 pounds 211 745 294 280 650 1,659 867 1,077 958 1,399 1,644 159 1,016 1,301	1,000 pounds 229,580 214,229 203,664 180,901 194,618 222,071 261,044 326,367 295,839 251,761 277,674 276,115 264,427 313,274	1,000 pounds 176,556 162,799 160,003 153,528 163,286 180,194 200,234 242,546 254,277 194,231 228,518 208,644 223,254 239,338	1,000 pounds 11,74 13,19 16,92 10,99 14,60 23,31 15,63 20,94 27,45 15,84 16,92 18,68 23,82

ts

0

092

00 nds

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board.

POOTNOTES FOR TABLE 416

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

² Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

³ Also, excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1964-71.

⁴ 30 States (April only).

⁵ 37 States (April and December only).

Table 420.-Field seeds, by kinds: Area, yield, production, and value, by States, 1976-78

-	*	Area harvested	2	X	Yield per acre	P		Production (clean seed)		Pric	Price for crop of —	Ţ	Vali	Value of production	tion
Orași	1976	1977	1978	1976	1377	1978	1976	1761	1978	1976	1977	1978	1976	1721	1978
								Alfalfa seed						-	
a second	Acres 2,500 48,000 48,000	Acres 1,000 47,000 33,000 42,000	Acres (1) 64,000 64,000 60,000	Pounds 160 588 370 110			1,000 pounds 400 28,080 5,280	1,000 pounds 11,020 3,990 3,990	1,000 pounds (1) 18,800 15,060 6,910	Dollars 96.00 102.00 60.00	Dollars 80.00 126.00 80.00	Dollars (1) 122.00 135.00 81.50	1,000 dollars 390 28,642 10,486 3,168	1,000 dollars 120 27,918 17,879 3,192	1,000 dollars (1) 22,936 20,318 5,624
Nety Nev Nev Okla S. Dak Wash	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,5000000000000000000000000000000000000	81212131 81808080808 8180808	e 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	**************************************	B는품속공품용됨봄	2,365 2,365 1,565	8,080 8,080 8,080 8,110 8,640 12,710	6,206 6,206 19,750 19,750 10,260	18518 1852 1858 1858 1868 1888 1888 1888 1888 1888	88888888888888888888888888888888888888	1880 1880 1980 1980 1980 1980 1980 1980	2,463 2,463 5,524 5,524 14,337	2,206 10,075 3,629 7,882 6,132 4,514 16,780	6,890 6,890 12,623 13,623 13,644 13,644
	350,000	408,500	829,000	231	236	175	80,748	97,106	92,496	102.00	108.00	117.00	81,860	103,318	107,009
Idaho Inii Inii Inii Inii Inii Inii Inii Ini	25,000 25	46.000 000 000 000 000 000 000 000 000 00	4-100 (4-100 (4-100 (1-100) (1	488888851158888888888888888888888888888	Paund 985 985 1088 888 888 1088 1088 1088 1088 1088 1	Pounds 310 2310 2310 2310 2310 2310 2310 2310	1,000 888 4,860 2,000 2,000 1,170 823 5,000 3,040 8,50	1,000 pounds 767 3,600 1,350 1,250 2,590 2,590 2,590 2,590 2,590 5,000 6,000 7,600 7	1,000 pounds 1,277 3,400 1,277 8,865 8,865 8,180	Dellara 88-50 88-50 66-156 61-156 67-20 82-50 82-50 83-50 85	Dollars 97.00 88.00 88.00 88.00 88.00 73.00 89.00 74.00 84.00 86.00 86.00	Dollars 83.00 83.00 85.00 85.00 86.00 86.00 87.00 87.10 87.10 88.00 88.00 88.00 88.00 88.00 88.00 88.00 88.00 88.00 88.00 88.00	1,000 dediars 2,821 2,821 1,110 1,110 1,110 1,110 1,100 1,120 1,120 1,120 1,13	2356 2366 2367 2367 2367 2368 2368 2368 2368 2368 2368 2368 2368	1,000 delters 1,111 2,142 806 806 1171 1,011 1,011 1,236 826 826 826 826 826 826 826 826 826 82
s	347,600	244,100	294,700	102	102	110	36,291	24,877	32,486	63.20	73.50	67.10	21,714	17,642	21,271

See footnotes at end of table.

Table 420. - Field seeds, by kinds: Area, vield, production.

1976 1977 1978 1 1 1 1 1 1 1 1 1		Yield per acre	2		Production (clean seed)		E	Price for crop of—	- Jo	Val	Value of production	ction
Acres 1,000 5,000 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,000 1,000 1,000 1,000 1,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 1,200 1,000	9261 8	11977	1978	9761	1977	1978	1976	1977	1978	1976	1977	1978
Acres 1,000 5,000 1,200 6,000 1,300 6,000 1,300 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000 6,000 1,000				9	Orchardgrass	peed						
Acres	Pounds 200 200 210 200 250 250 250 250 250 250 250 250 25	Pounds 210 210 730 300	Pounds 175 200 700 230	1,000 pounds 180 1,025 9,230 1,625	1,000 pounds 1,060 8,030 1,100	1,000 pounds 210 800 7,700 1,380	Dollars 26.50 24.50 32.00 23.50	Dollary 34.00 25.00 35.00 26.00	Dollare 34.00 29.50 42.00 30.50	1,000 dollars 48 251 2,954 382	1,000 dollars 57 263 2,811 2,811	1,000 dollars 71 236 3,234 421
Acres Acres Acres Acres 22,800 20,000 21,700 22,800 20,000 21,700 22,800 20,000 21,700 22,800 30,600 21,700 22,800 30,600 21,700 22,800 30,000 21,700	900 473	191	455	12,060	10,348	10,090	30.10	33.00	39.30	3,635	3,417	
Acres Acres (Acres (Acr				Merion Ke	Merion Kentucky bluegrass seed	grass seed						
Acres Acres Acres Acres 9,500 10,000	Pounds 380 640 640 640	Pounds 300 575 165	Pounds 520 700 520	1,000 Pounds 3,572 5,440 2,132	1,000 pounds 2,940 3,738 710	1,000 pounds 6,300 6,300 1,404	Dellars 56.70 57.00 60.00	Dollars 84.00 78.00 86.50	Dollars 67.00 68.00 78.50	1,000 dollars 2,005 3,101 1,279	1,000 dollars 2,470 2,916 607	1,000 dollary 3,484 4,284 1,102
Acres Acres Acres 4cres 9,500 11,000	00 489	320	888	11,144	7,388	12,904	67.50	81.10	68.70	6,405	5,993	1
Acres Acres Acres 8,500 10,000			Kentu	cky bluegr	Kentucky bluegrass seed other than Merion 3	er than Me	rion 3			H	18	
Acres Acres Acres 9,500 11,000	Pounds	Pounds	Pounds	1,000 4,380 5,280 10,600 3,460	1,000 pounds 2,565 5,653 3,200 960	1,000 pounds 10,400 6,800 11,937 2,906	Dollars 46.50 45.00 45.00 52.00	Dellars 82.00 84.00 80.00 103.00	Dollars 58.00 67.50 66.00	1,000 dollars 2,023 2,587 4,770 1,799	1,000 dollars 2,103 4,749 2,560 969	1,000 dollars 6,136 4,590 7,878 1,903
Acres Acres Acres 9,500 11,000		*****		23,690	12,378	32,042	90.60	82.90	65.40	971,11	10,401	20,507
9,500 10,000 11,000				Chew	Chewings feecue	peed						
	Pounds 00 570	Pounds 550	Pounds 450	1,000 pounds 6,415	1,000 pounds 5,500	1,000 pounds 4,950	Dollars 43.00	Dollars 52.00	Dollars 59.00	1,000 dollars 2,328	1,000 dollars 2,860	1,000 dollars 2,921
				Red	d fescue seed							
Oreg 13,000 12,000 11,000	Pounds 50 510	Pounds 500	Pounds 480	1,000 pounds 6,630	1,000 pounds 6,000	1,000 pounds 5,290	Dollars 42.00	Dollars 52.00	Dollars 57.00	1,000 dollars 2,786	1,000 dollars 3,130	1,000 dollars 3,010

							Tall (Alta	fall (Alta & Ky. 31) fescue seed	feacue seed						
	Acre 4,500 16,000 16,000 18,000 18,000 10,000 10,000 12,000	Acres 4,000 17,000 10,000 30,000 34,000 9,600 6,000 13,000	Acres (1) 285,500 14,000 37,000 42,000 9,500 9,500 23,000 23,000 9,500 9,500 23,000	Pounds 180 280 280 280 140 185 235 600 180 200	Pounds 280 280 280 280 180 180 170 180 180	Pounds (1) 310 220 220 270 270 700 700 700 200 200 700 7	1,000 pounds 675 4,480 5,000 5	1,000 pounds 520 6,330 2,066 4,500 3,990 82,015 6,175 1,020 2,470	1,000 pounds (1) - 7,906 2,940 7,400 11,340 6,650 6,650 (1) 4,600	25.00 25.00 25.00 25.00 25.00 25.50 25.50 25.50 25.50	2000 2000 2000 2000 2000 2000 2000 200	Dollars (3) 13.50 13.00 13.00 16.50 27.00 (3) 18.50	1,000 dollary 106 806 806 1,232 11,386 11,386 1,410 2,39 624	1,000 dellars 166 1,086 1,087 17,633 1,763 306 306	1,000 dellara (1) 1,067 1,067 1,871 1,871 1,871 (1) 861
U.S	370,500	459,500	996,000	230	234	292	85,310	107,670	165,335	20.00	23.00	12.30	17,069	24,761	20,179
						-	æ	Bentgrass seed	70						
:	Acres 19,000	Acres 17,000	Acres 18,000	Pounds 350	Pounds 400	Pounds 230	1,000 pounds 6,680	1,000 pounds 6,800	1,000 pounds 4,140	Dollars 79.00	Dollars 88.00	Dollars 125.00	1,000 dollars 5,254	1,000 dollars 5,984	1,000 dollars 5,175
							Ha	Hairy vetch se	Beed						
::::	Acres 10,500 6,000 7,500 3,000	Acres 12,000 7,000 8,000 3,500	Acres (1) (2) (3) (4) (4) (4)	Pounds 90 160 550 245	Pounds 120 156 600 260	Pounds (3) (450 (3)	1,000 pounds 945 945 960 4,215 735	1,000 pounds 1,440 1,085 4,800 916	1,000 pounds (1) (3) (3) (1) (1)	Dollary 27.00 20.00 26.00 24.50	Dollary 27.00 24.00 28.00 38.50	Dollars (3) 32.00	1,000 dollars 256 192 1,096 180	1,000 dollars 389 389 280 1,344 241	1,000 dollars (1) (1) 1,182
:	27,000	30,500	8,000	254	270	450	6,855	8,235	3,600	25.10	27.10	32.00	1,723	2,234	1,152
							2	Ryegrass seed	70						
Oreg., all	Acres 166,000	Acres 180,000	Acres 194,000	Pounds 1,180	Pounds 1,504	Pounds 1,242	1,000 pounds 195,940	1,000 pounds 270,800	1,000 pounds 240,960	Dollars 15.50	Dollars 13.40	Dollars 13.90	1,000 dollars 30,357	1,000 dol/lars 36,188	1,000 dollars 33,500
Estimates discontinued. Includes Proprietary and Merit varieties Harvested area and vield not available.	inued. ary and Ma	erit varietie					O.	*Other States include Ohio, and South Dakota.	es include th Dakota.	lown, Ken	tucky, Min.	lown, Kentucky, Minnesota, Missouri, Nebraska, North Dakota	wouri, Nebi	raska, Nort	h Dakota,

Oreg 13,000 12,000 11,000 510 500 460 6,600 6,000 5,290 42.00 52.00 57.00 2,786 3,120 3,010

Table 421. - Seeding rates: Quantity of seed used per acre for specified crops, by States

Pounds 11.1 18.2 14.3 14.3 17.0 17.0	Corn wheat	Durum	Other spring wheat	Oats	Baries	Rye	Flaxseed	Sorghum	Rice	dible dry	165 165	Soybeans	Potatoes (frish)	Sweet- potatoes	Peanuts 1	Cetton 3
	9	Bushels	Bushels	Busher	Bushels	Bushels	Bushels	Pounds	Pounds	Pounds	Pounds	Bushels	O. C.	0	Pounds	Pounds
	1.1 2.1	20	* * * * * * * * * * * * * * * * * * * *	3.3	2.4			11.5			* * * * * * * * * * * * * * * * * * * *	2	14.4	40		22.
	_			2.9			0 0	9.6	160			-	0.00	5	0 1	35
:::	_	1.8	*****	2.9	20		*****	17.0	150	8			181	8.0		8
	_		1.3	2.0	1.5	0.75		9.9		3			19.7			
-	_										*****		200			
	_											17	25.2		130	76
-	_			3.2		2.1		16.5				12	1:	2.5	28	181
		******	1.5	200	878		******		*****	8	155		19.5			
	_	:		No	20	9		70				07.	18.0			
-	_			12		91		10.2				29	140			
1	_			2	1.5	=		8.0	:	26		1.0				
	_			20	5.0	1.7		122				3 :				88
	_	******		80		****		8.8	146	*****		1.3	0.00	8.0		R
	_			200	0	1.8						1.0	14.0	6.0		
H	_			777.1.	777		*****	*****	*****				18.6			
1	_			200	07.	1.7				\$1		07.	18.7			
121	_	-	1.0	97	2	9.7	100	11.9	136			2:	10.6		196	36
	_			20		1.8		8.8	180			101		:		250
	_	17	1.2	1.7	eq i			*****		81	*****	*****	18.0		*****	
	_		01	97	000	2		5.7		8		7	857			
	_		-	:::	1								97.0			
				2.5	00	1.9						1.2	18.0	8.0		
13					1.9			8.8					16.0		8	8
		******		529	04 c	3:				=	*****	7	21.8			
101		18		060	141	100	7.8	120		88		200	14.6	0.0	8	3
1	_		1	27	00	181				3		12	18.8			
7	_			2.3	1.8	77		9.2				1.0		:::	110	22
			1.3	200	8.1	7:			****	*****			19.5			
Is				970	7 20	1.9						*	18.6	****		
61				0.0				001					17.0			
	_	*1	1.3	2.6	16	200	*	8.1			: :		11.0			
				200	20	87		16.7				97	11.0	6.7		2
38		******	**	200	800	8	9	6.7	911	******	*****	o,	827	979	8	200
			**	2.4	6.0					:		*****	120			

Pater	Economics, Statistics, and Cooperatives Service — Crop Reporting Roant United States	tine Ruer	Too Repor	Pervice -C	peratives 5	a, and Coo	, Statistic	Economica	00.1						ed basis).	Farmers stock (unshelled b	rs stoc
8	134	6.4	18.5	1.06	170	28	143	6.63	.793	1.59	1.67	2.60	1.20	1.49	=	13.4	::
		*****	21.0	*****		2				100							-
			17.8	-		***				200	00	000			.75	18.9	
****	*****		7777	::							50	000	1.8		1.8	13.4	
			20.5		180	2				7.6	20.00	000			2.0	12.3	
8	145	7.9	12.6	1.0	*****	:		10.5		1.7	2.0	***			87	13.1	:

Table 422.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1970-79

Kind of seed	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
				F	rice per l	100 pound	b			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties	57.30	54.80	50.90	75.80	153.00	114.00	99.00	153.00	168.00	180.00
varieties	65.80	64.20	26.50	83.20	167.00	140.00	116.00	177.00	194.00	215.00
Red clover	60.70	57.70	52.80	73.30	114.00	106.00	90.00	108.00	128.00	115.00
Alsike clover	37.10	37.90	37.70	39.90	59.50	67.50	63.00	89.50	67.00	
Sweetclover	23.60	21.30	21.90	22.70	28.00	35.00	36.00	38.50	39.00	
Ladino clover	131.00	140.00	137.00	143.00	220.00	250.00	210.00	220.00	220.00	280.00
espedeza, Korean	24.20	22.70	26.40	46.10	68.00	59.50	48.00	62.50	74.00	66.00
espedeza, Striate, Kobe	30.20	27.20	29.00	47.40	70.00	69.00	73.00	93.50	107.00	96.00
espedeza, Sericea	37.30	41.50	44.70	99.10	127.00	76.00	91.00	226.00	301.00	157.00
Pimothy	24.00	24.00	24.60	46.10	65.00	51.00	37.00	60.00	124.00	98.00
Orchardgrass	41.70 60.90	42.50 66.90	38.80 65.20	46.10	65.50	63.00	53.00	62.00	70.00	85.00
Kentucky bluegrass	18.30	17.70	17.20	70.90 21.30	162.00 49.00	107.00 34.90	92.00	147.00	165.00	155.00
Ryegrass, annual	32.00	26.00	24.50	39.20	43.50	35.00	28.00 32.50	35.00 47.50	32.00 62.00	32.00
Sudangrass	15.80	16.00	19.80	21.90	24.50	27.30	28.00	34.50	32.00	33.00
Potatoes 1	3.86	3.44	3.13	4.92	8.05	5.30	7.40	5.63	5.00	4.6
Peanuts	40.20	37.20	37.10	38.30	46.00	45.50	43.50	52.00	53.00	54.0
Cottonneed	15.70	17.20	17.40	18.30	25.30	33.60	28.50	30.30	31.00	33.10
Grain sorghums, hybrid	20.80	21.90	23.30	24.60	28.50	36.50	37.50	41.00	43.00	41.00
Forage sorghums	13.00	15.20	19.70	20.70	21.00	23.50	21.50	27.50	22.50	23.80
					Price pe	r bushel				
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid	15.70	18.80	21.50	22.20	25.00	36.50	36.50	40.00	43.00	45.50
Wheat (spring)	2.38	2.46	2.63	3.20	8.40	7.70	6.50	5.20	5.10	5.40
Oats (spring)	1.67	3.05	1.69	2.08	3.05	3.65	3.40	3.70	3.10	3.20
Barley (spring)	1.86	1.90	1.99	2.35	4.10	5.50	5.10	4.60	4.10	5.80
Soybeans for seed	4.02	4.87	5.21	8.75	9.50	10.50	7.40	13.00	11.50	12.00
Flaxseed	4.43	4.07	3.79	6.35	16.50	13.00	10.50	11.00	7.00	10.0

¹ Season average price.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 423.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1970-78

			,						
Kind of seed	1970	1971	1972	1973	1974	1975	1976	1977	1978
	1			Price	per 100 p	ounds			
Alfalfa, uncertified varieties Alfalfa, certified varieties Rad clover Alaike clover Ladino clover Crimson clover Timothy Orchardgrass Kentucky blusgrass Tall feacus Ryegrass, perennial Hairy wetch	Dollars 58.50 65.80 59.90 38.00 123.00 22.570 22.50 41.30 61.60 24.90 13.30 25.50 24.00	Dollars 54.40 62.60 56.10 37.80 143.00 29.40 24.30 41.80 66.90 23.40 16.80 26.20 22.20	Dollars 54.80 64.50 55.00 37.50 136.00 34.20 28.90 42.00 66.70 27.50 15.90 28.30 21.80	Dollars 105.00 119.00 80.50 44.50 165.00 59.50 55.00 57.50 145.00 40.00 39.50 77.00 25.50	Dollars 151.00 166.00 112.00 62.00 225.00 91.00 66.00 143.00 40.00 41.00 84.00 37.00	Dollars 107.00 132.00 100.00 64.50 250.00 99.00 43.00 59.00 86.90 34.00 28.50 43.00 37.00	Dollars 122.00 145.00 100.00 71.00 210.00 73.00 49.00 58.00 107.00 40.00 40.00 46.00 48.00	Dollars 158.00 182.00 110.00 88.00 220.00 59.00 75.00 62.00 145.00 50.00 28.00 56.00 49.00	Dollars 165.00 190.00 121.00 64.00 220.00 77.50 69.50 177.00 47.50 28.50 80.50 56.00
				Pri	ce per bu	shel			
Wheat (winter) Outs (winter) Barley (winter) Rye	Dollars 2.55 1.83 2.27 2.60	Dollars 2.67 2.02 2.50 2.73	Dollars 2.97 2.27 2.88 2.78	Dollars 7.20 3.90 4.60 4.90	Dollars 7.50 3.95 5.30 5.90	Dollars 6.10 4.75 5.45 5.90	Dollars 6.00 3.75 4.95 6.00	Dollars 4.40 3.60 4.30 5.20	Dollars 5.90 3.22 4.70 4.90

Table 424.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1975-78

***************************************	,	ear begin	nning Jul	у		1	ear begin	nning Jul	y
Kind of seed	1975	1976	1977	19781	Kind of seed	1975	1976	1977	19781
man year of	100	100	100	100		100	100	100	100
	pounds 13	pounds	pounds	pounds	Kale, Chinese	pounds	pounds 2	pounds	pounds
Asparagus	10				Kohlrahi	24	36	30	
Asparagus	59	105	105	85	Leek	28	43	27	36
Garden	1.540	4.888	3.253	835	Lettuce2	4.196	2.180	1,229	1,289
Lima	118	8,000	0,200	500	Muskmelon	455	375	294	291
Runner	141	256	298	68	Mustard, India	14	12	5	201
Beet	84	367	59	101	Mustard, Spinach .	ii	1		
Broadbean	85	32	14	13	Okra		22	227	20
Broccoli	449	137	46	78	Onion	2.844	2.814	2.146	2,548
Brussels aprouts	53	32	32	33	Onion, Welsh			5	2
Burdock	10	13	11	5	Pak-choi	13	14	12	14
Cabbage	82	114	117	238	Parsley ²	281	236	182	225
Cardoon	10	3	3	1	Parsnip	7	1	2	2
Carrot	453	1,099	261	136	Pea, garden 8	2,088	40,102	15,951	1,955
Cauliflower	182	77	372	197	Pepper ²	381	584	343	544
Celeriac	4	1	2	2	Pumpkin ²	1,300	13	6	1 2
Celery ²	226	7	2	7	Radish	590	242	284	236
Chard, Swiss	119	49	10	16	Rhubarb		****	****	*****
Chicory	24	4	. 5	4	Rutabaga	3	1	3	1
Chinese Cabbage	28	32	28	60	Salsify	267	167	130	25
Chives	24	7	9	****	Sorrel	9	2	*****	
Corn, sweet	165	125	98	267	Soybean 2	52 214	212	122	875
Cornsalad	1		1	****	Spinach	214	296	612	570
Cresa: Garden	50	1	31	20	Spinach, New	186	100	104	61
	50	10	31	20	Zealand	67	133	41	208
Upland	2	1 3		9	Tomato	7.150	4.549	4,100	2.354
Cucumber	1.461	837	692	537	Tomato, busk	12	4,049	4,100	2,30
Dandelion	1,461	2	002	991	Turnip	45	73	31	6
Eggplant	140	338	143	230	Watermelon 2	81	64	59	150
Endive	140	18	140	200	Wasermeion	01	04	00	100
Kale	32	17	19	1 2	Total	25,875	60,992	31,565	13.58

Agricultural Marketing Service.

,

00

d

¹ Includes July 1978 through April 1979.
² Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Table 425.—Vegetable seeds: Area, production, and stocks held by dealers on June 30, United States, 1976-78

Kind of seed	Ar	ea harve	sted	1	Productio	n		Stocks	
Kind of seed	1976	1977	1978	1976	1977	1978	1976	1977	1978
				1.000	1,000	1.000	1.000	1,000	1.000
Bean:	Acres	Acres	Acres	pounds	pounds	pounds	pounds	pounds	pounds
Bush green	13.844	28,100	38,896	20,106	45,901	52.963	46,162	29.131	14,338
Bush wax	1.915	3,096	3.342	2,679	4.347	4.424	4.061	2.359	2.021
Pole (green and wax)	2.271	3.566	3,576	3,009	5.044	4.522	2,673	2,620	2.340
Bush lima	3,889	5.148	5,791	7,852	10.261	11,478	6.236	5,246	3,631
Pole lima	286	565	520	430	868	959	460	482	478
Beet, garden	1.394	1.123	773	1.511	1,450	627	1,712	2.061	2.040
Broccoli	174	124	173	66	63	78	184	200	
Cabbage	1.242	930	1.013		710				134
	4.580	1.639		772		777	581	689	888
Carrot			3,743	3,056	910	2,731	1,633	2,676	1,727
Cauliflower	409	392	372	156	162	168	133	119	88
Celery	60	49	22	46	. 19	14	72	97	59
Chard, Swiss	157	125	104	183	192	107	205	320	201
Corn:				1000	10.72				
Sweet, hybrids	11,296	8,831	9,544	20,276	14,636	15,440	13,924	14,634	10,862
Sweet, open-pollinated	495	205	174	1,116	416	397	723	991	593
Nonsweet	251	213	200	608	536	507	350	433	286
Cucumber	2,542	3,050	4.719	1.163	1.209	1.736	2.535	1.902	1.289
Eggplant	93	5	17	12	1	2	36	44	29
Endive	155	50	64	93	28	45	148	136	88
Kale	492	635	211	543	612	181	441	662	680
Kohlrabi	76	107	117	49	82	124	- 8	24	17
Leek	10	14	26	4	7	7	13	12	9
Lettuce:			-				40		
Heading	876	1.427	1,409	250	610	424	626	616	502
Loose-leaf	830	663	657	241	270	208	154	198	217
Romaine	72	154	93	20					
Mushmalan	2.039	2.056			61	33	75	60	56
Muskmelon	8,635		3,186	649	633	975	728	703	460
Watermelon		8,832	7,416	2,152	2,232	1,738	1,332	1,372	1,200
Mustard	248	181	212	284	213	257	1,034	959	654
Okra	158	214	445	178	277	589	1,200	700	326
Onion	4,215	4,403	3,243	1,275	1,468	807	596	1,141	1,183
Parsley	433	302	167	250	192	79	119	172	249
Parsnip	111	80	16	66	64	10	48	74	88
Peas	65,366	61,168	83,652	120,146	94,838	185,910	67,456	72,168	33,062
Pepper	1,827	1,090	1,887	229	139	192	453	360	237
Pumpkin	169	143	237	93	74	92	300	286	215
Radish	2,580	1.594	1.782	2,690	1,470	1.697	2.046	2.993	2,102
Salsify	10	10	10	3	3	1	8	8	7
Spinach	844	1.403	1.615	1.075	2,592	2.194	1.534	796	1.014
Squash:		-,	1,010	1 4,010	aport 2	-,104	2,000	1	2,024
Summer	1.702	1,222	1.628	1.100	778	899	1.296	1,272	963
Winter	909	422	669	321	192	166	384	468	408
Tomato	3,900	3.891	3,778	480	466	405	847	978	882
Turnip	1,017	193	276	1,772	196	493			2.319
Rutabaga	55	10	49	122	196		1,900	3,151	
##0###################################	1 00	1 10	49	122	. 8	46	243	355	297

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Compiled from reports of commercial vegetable seed growers and handlers.

Table 426.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1975-78

200	Y	ear begin	ning Ju	ıly		Ye	ar begin	ning Ju	ly
Kind of seed	1975	1976	1977	19781	Kind of seed	1975	1976	1977	19781
	1,000	1,000	1,000	1,000	146	1,000	1,000	1,000	1,000
Alfalfa	pounds 111	pounds 159	pounds 777	pounds 144	Tamazana manina	pounds 197	pounds 33	pounds	pounds
Barley ²	272	793	1,449	872	Lovegram, weeping Meedow, foxtail	72	11	2	
Barrelclover	1	40	20		Millet, Japanese	100			70
Deam:	1	-	-		Mixtures	-			
Adruki	3				Cresses	22	22	3	1
Field	5	7 2	3	34	Legumes Other Mustard, India	4,567	4,593	3,188	4,697
Mung		2		100	Other	****	14	82	25 58
roadbean	***	****	96	345	Mustard, India	118	148 342	221 465	66
Seet: Field	16	2	6		Oat2	765	1.802	1,248	3,139
Sugar	496	400	164	174	Panicarana guesa	48	46	1,240	13
	400	400	200	4.4	Panicgrass, green Pea, field ²	406	505	615	160
Colonial	57	42	17	3	Rape:				-
Creeping	3	11	3	11	Annual ²		72	651	252
Bermudagrass		1		9	Bird			5	4
Sluegrass:					Turnip			2	2
Canada	****	****	3		Winter				1
Kentucky	385	799	82	257	Redtop		****	35	
Rough	22	526	381	285	Rye ³	123	143	12	1
Brome, smooth	224	209 138	57 418	17	Ryegrass: Annual	43	190	456	229
hickpea	210	100	410	55	Perennial	116	826	845	446
lover:	****			- 00	Wimmera	44	22	55	22
Alsike	3,638	2,980	4,693	2,145	Safflower				
Berseem		4			Sainfoin	1		16	
Crimson	200	2	3	118	Sorghum 3	240	481	23	1,284
Ladino	3	180	10		Sorghum-Sudangrass		****	5	11.55
Persian	2232	1111	2444	6	Soybean 2	26	119	43	183
Red	5,041	3,373	3,514	4,212	Sunflower ²	861	113	104	60
Rose	30	17	18	4	Sweetclover, yellow & white (mixed)	211	234	449	111
Small hop	****	88	26	5	Sweetslower:	211	204	440	111
Strawberry Subterranean	238	294	703	327	Sweetclover: White	198	171	75	1
White	972	849	406	572	Yellow	6,104	7,169	8.605	6.04
Corn, field ²	12,667	9,981	10,260	6.621	Il Timothy	1 552	790	1.440	800
Cowpea 2	635	684	709	393	Trefoil, birdsfoot	812	868	1,005	634
rownvetch	8			1	Triticale		15	37	
Fescue:					Vetch, common	****	451		
Chewings	9	13	24	11	Vetch, hairy ³	110	1.243	353	1.09
Hard	284	626	105	28	Wheat, durum ²	40,679	1,243	156	21
Red	13,369	22,369	19.375		Wheatgrass:	90	00	106	211
Sheep	13,300	25,000	22		Crested	1.146	526	544	52
Tall	1 · · · · ·	6	4	50		2,240	18		
Plax ²	35	1,477	44				57	119	96
n	1		-	1	Siberian			129	
Buffel		6	10		Slender	79	60	367	4
Buffel	39	40	85	4	Stender	13	80	32	
Canarygrass, reed	2	1	****	7	Tall	****	13	251	220
Carpet	133	258	407			89	228	197	3
Cuines	57	86	79			97,263	69,203	66,442	47,876
Guinea	46	5	41		Iour	01,200	30,200	00,442	41,011
Japanese Jawn	1		41						
Harding	145	1,227	482	282					
Rhodes				13					
Lentil		1							

Agricultural Marketing Service.

¹Includes July 1978 through April 1979.

²Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Table 427.—Beans, dry edible: Area, yield, production, disposition, and value. United States, 1964-7812

Year	Area planted	Area harvested	Yield per harvested acre ³	Produc- tion 3	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers 4	Value of production
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976	1,000 acres 1,442 1,556 1,521 1,283 1,473 1,519 1,503 1,338 1,456 1,358.7 1,587.4 1,511.2 1,541.8 1,412.7	1,000 acres 1,388 1,484 1,486 1,205 1,424 1,469 1,409 1,296 1,371 1,331,7 1,515,8 1,466,1 1,499,3 1,279,9	Pounds 1,252 1,109 1,343 1,283 1,224 1,287 1,235 1,230 1,312 1,222 1,341 1,190 1,186 1,298 1,279	1,000 cwt. 17,375 16,457 19,964 15,215 17,435 18,913 17,399 15,939 17,983 16,274 20,329 17,442 17,786 16,610 19,117	1,000 cwt. 178 168 166 140 165 133 140 139 152 157 163 154 133 155	1,000 cwt. 17,197 16,289 19,798 15,075 17,270 18,780 17,259 15,800 17,831 16,117 20,166 17,287 17,632 16,477 18,961	Dollars 7.57 8.68 7.17 9.26 8.18 7.60 9.21 10.99 11.00 27.30 19.80 21.10 15.50 20.20	1,000 dollars 131,612 142,821 143,162 141,022 143,697 160,333 173,977 198,333 444,944 402,344 350,989 276,291 334,848

Table 428.—Beans, dry edible (cleaned basis): Production, by classes; United States, 1976-781

Class	1976	1977	19782	Class	1976	1977	19782
Pea (navy) Great northern Small white Flat small white Pinto Red kidney Pink	1,000 cwt 4,846 1,767 329 6 5,792 1,377	1,000 cwt. 5,209 1,603 239 9 4,517 1,285 753	1,000 cwt. 6,211 1.863 179 9 5,530 1,757	Black turtle soup Large lima Baby lima Blackeys, California Garbanao Other	1,000 cwt. 157 522 378 607 46 275	1,000 cwt. 109 540 475 800 63 313	1,000 cwt. 132 434 489 745 80 334
Small red Cranberry	990 437 257	305 390	682 353 319	Total	17,786	16,610	19,117

¹ Excludes beans grown for garden seed.
² Preliminary.

¹ Figures include principal producing States only.

² Excludes beans grown for garden seed.

³ Cleaned basis.

⁴ Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

⁵ Preliminary.

 $^{{\}bf Economics, Statistics, and \ Cooperatives \ Service-Crop \ Reporting \ Beard.}$

Table 429. - Beans, dry edible: Area, yield, and production, by States, 1976-781

State	State Area planted		ted	Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
3	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19781
	1,000	1,000	1,000	1,000	1,000	1,000				1,000	1.000	1.000
a 114	acres	acres	acres	acres	acres	acres		Pounds		cwt.	cwt.	cwt.
Calif	179.0	169.0	210.0	179.0	169.0	210.0	1,564	1,708	1,518	2,800	2,887	3,18
Colo	190.0	175.0	185.0	185.0	150.0	170.0	900	830	900	1,665	1,245	1,53
daho	161.0	134.0	154.0	159.0	132.0	153.0	1,670	1,640	1,630	2,655	2,165	2,49
Kans	13.0	13.0	17.5	12.5	12.5	16.0	1,200	1,300	1,200	150	162	19
Mich	560.0	550.0	570.0	545.0	480.0	560.0	1,000	1,180	1,150	5,450	5,664	6,44
	45.0	33.0	44.0	42.0	30.0	42.0	867	1,320	1,410	364	396	59
Mont	9.0	6.7	8.4	9.0	6.5	8.4	1,700	1,600	1,500	153	104	12
Nebr	126.0	120.0	125.0	120.0	114.0	118.0	1,650	1,550	1,650	1,980	1,767	1,94
N.Y N. Dak	41.0	42.0	45.0	37.0	32.0	42.0	1,070	1,100	1,020	396	352	42
	144.0	115.0 5.0	118.0	139.0	105.0	113.0	800	1,050	1,100	1,112	1,103	1,24
97 4	27.0		28.0	13.0	1.0	8.0	390	200	300	51	2	2
92	26.0	20.0	30.0	26.0	19.0 23.0	27.0	1,750	1,750	1,800	455	333 380	48
Other States	7.8	6.0	30.0	25.0		27.0	1,800	1,650	1,580	450	380	42
Other States	7.8	6.0	****	7.8	5.9		1,346	848		105	50	
U.S	1,541.8	1,412.7	1,543.9	1,499.3	1,279.9	1,494.4	1.186	1.298	1.279	17,786	16.610	19.11

¹ Excludes beans grown for garden seed.
² Preliminary.
³ Illinois and Indians; estimates discontinued after 1977 crop.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 430.—Beans, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1978 (preliminary)

State	Production	Used on farms where	Sold	Season average	Value	of—	
State	Production	produced	Sold	price per cwt.	Production	Sales	
- New York	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars	
Calif	3,188	51	3,137 1,502	23.70	75,556	74,347	
Colo.	1,530	51 28 0 0 71	1,502	15.70	24,021	23,581	
Idaho	2,494	0	2,494	15.30	38,158 2,938	38,156 2,938 88,529 8,170 2,068 31,152	
Kans	192	0	192	15.30	2,938	2,938	
Minn	6,440	71	6,369 592	13.90	89,516	88,529	
Mont	592 126	0 1	125	13.80	8,170	8,170	
Nebr	1 047	0	1,947	16.70	2,104 31,152	2,068	
N.Y	1,947 428	4	424	17.60	7 533	7,462	
N. Dak	1,243	i i	1,243	13.30	7,533 16,408	16,408	
Utah	24	i	23	13.20 16.80	403	386	
Wash	486	o l	486	17.40	8,456	8,456	
Wyo	486 427	Ö	427	15.80	6,747	6,747	
U.S	19,117	156	18,961	16.30	311,162	308,422	

¹ Excludes beans grown for garden seed.

Table 431.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1964-78

	New Yo	ork City 1		F.o.b. Califo	rnia points		F.o.b.	P.o.b.
Year beginning September	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small white	points: Great northern, U.S. No. 1 ³	Colorado points: Pinto, U.S. No. 1 ⁸
1964 1965 1966 1967 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	Dollars 8.22 10.28 8.03 10.69 10.62 9.65 14.00 16.68 12.84 46.90 21.77 22.50	Dollars 15.33 16.38 24.37 22.85 18.11 15.46 16.07 21.55 31.95 42.83 31.96 45.86 46.39 42.53	Dellars 7.28 12.65 11.11 14.89 7.81 7.99 8.86 10.88 17.40 32.50 16.00 17.69 20.83 21.03 20.39	Dollars 13.32 14.14 23.33 19.45 14.46 12.15 13.51 19.40 29.51 39.18 24.64 35.49 31.48	Dollars 10.72 12.18 9.48 13.72 23.26 11.25 19.63 14.17 24.18 41.76 27.85 23.80 21.36 35.69 37.83	Dollars 10.96 12.15 9.43 13.17 11.85 10.07 13.83 17.36 18.74 45.76 18.08 24.39 21.88 27.31 26.15	Dollars 7.69 9.59 7.47 8.50 8.62 8.02 10.36 11.77 16.81 34.79 20.93 23.61 17.80 24.84 23.32	Dollars 10.73 8.96 7.44 9.55 10.86 9.24 11.56 39.33 32.44 17.86 14.74 25.99

¹Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

²Prices include brokerage, cleaning, and handling charges.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from New York Producers Price Current, New York Journal of Commerce, and Bean Market News (formerly Bean Market Review).

Table 432.—Beans, dry edible: United States exports to specified countries, 1976-78

Continent and country	1976	1977	1978	Continent and country	1976	1977	1978
North America: Canada Dominican Republic French West Indies Mexico Panama Trinidad and Tobago	Metric tons 7,813 9,572 1,138 9,729 1,119 566	Metric tons 12,423 191 1,419 6,005 1,856 650	Metric tons 17,717 5,248 1,394 8,785 1,728 706	Europe — Continued Italy Netherlands Spain United Kingdons	Metric tons 4,936 13,229 636 23,956	Metric tons 6,265 13,874 1,284 26,858	Metric tons 7,320 20,610 3,030 53,683
	-				00,000	14,001	55,014
Total	29,937	22,544	35,578	Asia: Israel	168	1.503	416
South America: Brazil Colombia	281 32	3,217 2,100	703 150	Japan Philippines	10,034 785	28,904 1,304	15,883 1,544
Venezuela	3,504	12,575	5,846	Total	10,987	31,711	17,813
Total	3,817	17,892	6,699	Oceania:			
Europe:				Australia	2,157	1,887	2,524
Belgium and Luxembourg . France	1,215	2,730 12,014	3,236 7,631	Other countries	15,663	34,359	41,210
Germany, Fed. Rep. of	9,367	9,012	4,194	Grand total	123,227	180,400	203,498

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 433.—Beans, dry edible: United States exports by class and quantity, 1964-78

Year ¹	Navy or pea	Great northern	Other white	Pinto	Red kidney	Small red	Other colored	Seed	Total
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
1964	1,550	346	143	173	296	214	349	70	2,94 2,26
1965	1,075	240	78	138	223		435	70 72	2.26
1966	2,044	630	143	164	167	******	441 377	65	3.65
1967	762	277	137	270	136		377	109	2,06 2,73
1968	1,156	331	439	202	64		439 636	106	2.73
1969	1,828	532	390	552	223 180 178	*****	636	181	4,34
1970	1,331	354	360	411 271 558	180	******	484 407	152	3.27
1971	962	617	235	271	178		407	141	2.81
1972	1,849	699	211	558	111		668	183	4,27
1973	1,069	583	236	801	67	******	458	125	3,33
1974	1,518	808	217	1,468	217 154	*****	752	183 125 135	5.11
1975	831	324	131	631	154		493	152	5,11 2,71 3,97
1976	788	911	280	631 755	255		493 850	138	3.97
1977	794	904	44	750	265		595	132	2,88
1978	1,675	794	66	463	198		683	242	4,12

Marketing year beginning September.
 Four months only; not separately classified, beginning January 1965.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 434.—Peas, wrinkled green seed: Production, by States, 1976-78

State	1976	1977	19781
Idaho	1,000 cwt. 340 257	1,000 cwt. 207 340	1,000 cwt. 775 428
Total	597	547	1,200

1 Preliminary.

ŧ,

00003-4-634-3-4-00-8

Table 435.—Peas, dry edible: Area, yield, production, disposition, season average price per hundredweight received by farmers, and value, United States, 1964-781

Year		Area planted	Area harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Used on farms where produced	Sold	Price	Value of production
1965 1966 1967 1968 1969 1970 1971 1971 1972 1973 1974 1975		1,000 acres 282 182 184 185 191 242.0 279.9 213.7 146.6 220.0 196.5 130.0	1,000 acres 265 174 175 176 181 232.0 256.9 202.7 135.1 196.4 213.0 188.5 125.0	Pounds 1,522 1,742 1,447 1,456 1,507 1,610 1,290 1,939 1,557 1,221 1,515 1,449 1,720	1,000 cwt. 4,032 3,031 2,532 2,563 2,727 3,736 3,930 2,103 1,665 3,228 2,731 2,150	1,000 cwf. 60 51 45 53 78 95 47 48 43 21 38 21 23	1,000 cwt. 3,972 2,980 2,487 2,510 2,649 3,841 3,268 3,882 2,060 1,644 3,190 2,710 2,127	Dollars 3.57 4.21 4.55 4.42 4.72 4.31 4.17 3.47 5.47 17.80 11.40 7.83 11.30	1,000 dollars 14,41: 12,75: 11,51: 11,31: 12,86: 16,10: 13,63: 11,49: 29,67: 36,91: 21,377: 24,37:
1977		173.0 204.0	167.0 202.0	613 1,783	1,023 3,601	19	1,004 3,582	13.90 8.00	14,10 28,8

¹ Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, Austrian winter peas or wrinkled seed peas.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 436. - Peas, dry edible: Area, yield, and production, by States, 1976-781

State	Area planted	ted	Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)			
	1976	1977	19782	1976	1977	19782	1976	1977	19782	1976	1977	19782
Idaho	1,000 acres 50.0 80.0	1,000 acres 68.0 105.0	1,000 acres 83.0 121.0	1,000 acres 48.0 77.0	1,000 acres 67.0 100.0	1,000 acres 82.0 120.0	Pounds 1,720 1,720	Pounds 840 480	Pounds 1,830 1,750	1,000 cwt. 826 1,324	1,000 cwt. 563 460	1,000 cwt. 1,501 2,100
U.S	130.0	173.0	204.0	125.0	167.0	202.0	1,720	613	1,783	2,150	1,023	3,601

 $^{^1\,\}mathrm{Excludes}$ both wrinkled seed peas and Austrian winter peas. $^2\,\mathrm{Preliminary}.$

Table 437.—Peas, dry edible (cleaned basis): Production, by classes, United States, 1976-781

Class	1976	1977	19783
Alaska and other smooth green kinds	1,000 cwt. 1,775 375	1,000 cwt. 810 213	2,686 915
Total	2,150	1,023	3,601

¹Excludes both wrinkled seed peas and Austrian winter peas.

²Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 438.—Peas, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1978 (preliminary)¹

State Idaho Wash		Used on		Season	Value of —		
	Production	farms where produced	Sold	price per cwt.	Production	Sales	
	1,000 cwt. 1,501 2,100	1,000 cwt. 2 17	1,000 cwt. 1,499 2,083	Dellars 8.00 8.00	1,000 dollars 12,008 16,800	1,000 dollars 11,992 16,664	
U.S	3,601	19	3,582	8.00	28,808	28,656	

¹ Excludes both wrinkled seed peas and Austrian winter peas.

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

Table 439.—Peas, dry field: United States exports to specified countries, 1976-78

Continent and country	1976	1977	1978	Continent and country	1976	1977	1978
North America: Canada Mexico Panama Trinidad and Tobago	Metric tons 6,075 538 236 566	Metric tons 4,896 706 447 251	Metric tons 2,793 464 569 374	Europe — Continued Iceland Italy Netherlands Norway Sweden	Metric tons 339 2,040 770 1,211 546	Metric tons 298 1,561 812 964 640	Metric tons 237 2,092 205 335 741
Total	7,415	6,300	4,200	Switzerland	13,752	13,490	262 4,651
South America: Brazil	5,317 3,160	1,191 6,998	283 1,178	Total	20,534	19,168	8,523
Peru	1,037 837 18,307	461 356 14,141	370 5,906	Asia: Hong Kong	929 445	567 643	694 536
Total	28,658	23,147	7,743	Japan	8,823 447	7,123 1,230	3,827 679
Europe:				Total	10,644	9,563	5,736
Belgium and Luxembourg . Denmark	272 559	308 157	183 198 959	Other countries	23,622	23,697	18,015
Germany, Fed. Rep. of	1,045	938	959	Grand total	90,873	81,875	44,217

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 440.—Peas, dry field: United States exports by class and quantity, 1964-78

Year ¹	Year 1 All peas and lentils 2 Sec		Cowpeas and gurbanzos	Alaska and smooth green	Yellow, white peas, and lentils	
1964	2,000 cw2. 2,394 2,503 2,971 2,653 3,082 3,917 3,273 3,614 3,687 3,680 2,179 3,301 2,961 2,579 1,168	202 257 202 255 316 289 289 281 326 322 334 333 285 198	1,000 cwt.	1,000 cwt. 1,167 1,068 1,182 1,061 1,348 1,636 1,304 1,166 1,458 1,425 829 1,049 970 309	1,000 cwt. 41,004 1,288 1,520 1,339 1,418 1,992 1,803 2,167 1,903 1,902 1,015 1,919 1,635 1,389 551	

Marketing year beginning September.
 Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and blackeye and Mexican beans.
 Five months only; not separately classified, beginning January 1965.
 Beginning January 1965, also includes cowpeas, garbanzos, Austrian winter peas, and blackeye and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 441.- Hops: Area, yield, and production, by States, 1976-78

	Ar	ea harvest	rd	Yield per acre			Production 1		
State	1976	1977	197823	1976	1977	19781	1976	1977	19782
Calif	1,000 acres 1.5 3.0 5.4 21.0	1,000 acres 1.5 2.9 5.5 20.6	1,000 acres 1.5 2.7 5.4 21.3	Lb. 1,660 1,720 1,660 1,960	Lb. 1,630 1,770 1,690 1,840	1,360 1,790 1,510 1,880	1,000 pounds 2,490 5,160 8,964 41,160	1,000 pounds 2,445 5,133 9,295 37,904	1,000 pounds 2,040 4,833 8,154 40,044
U.S	30.9	30.5	30.9	1,870	1,796	1,782	57,774	54,777	55,071

¹Total production. 1978 quantities available for market will be governed by regulations issued under Federal Market Order 991. In 1978, includes 215,000 pounds lost by fire.

² Preliminary.

³ Does not include 100 acres left unharvested in Oregon.

Table 442.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1964-78

	Year	Harvested ac		Production 1	duction ¹ Sales		Value of production	Stocks Sept. 1
		1,000		1,000	1,000		1,000	1,000
	100	acres	Pounds	pounds	pounds	Cents	pounds	pounds
964		32.6	1,637	53,378	53,061	47.2	25,179	19,10
965 966	**********	32.7	1,714	56,060	56,060	46.1	25,865	22,14
967	**********	32.2 29.8	1,726 1,661	55,568 49,498	55,290 44,948	46.2 45.9	25,654 22,701	24,71
968	*********	29.0	1,540	43,733	42,775	47.2	20,659	27,44
969	**********	28.4 27.0	1,547	41,763	41,763	51.0	21,305	27.8
970		97.7	1,656	45,863	45,863	56.0	25,681	27,9
971		27.7 28.9	1,656 1,718	49,663	49,663	65.9	32,743	30.1
972		29.7	1,728	51,309	51,180	71.4	36,631	28,7
973		31.4	1,744	54,769	54,769	75.7	41,457	30.2
974		32.4	1,759	56,979	56,928	79.8	45,486	33.7
975		32.1	1,742	55,913	55,737	83.0	46,419	42.1
976		30.9	1,870	57,774	57,774	84.8	48,982	50.4
977		30.5	1,796	54,777	54,777	89.6	49,095	50.4
978		30.9 30.5 30.9	1,782	55,071	54,856	90.1	49,599	47.5

¹Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 297 in 1964; 278 in 1966; 4,550 in 1967; 988 in 1968; 129 in 1972; 51 in 1974; 176 in 1975; and 215 in 1978.

²Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 443.—Hops: Production, disposition, and value, by States, crop of 1978 (preliminary)

			Season average	Value of —		
State	Production 12	Sold ²	price per pound	Production	Sales	
Calif	1,000 pounds 2,040 4,833 8,154 40,044	1,000 pounds 2,040 4,833 8,091 39,892	Cents 96.1 89.9 103.7 87.0	1,000 dollars 1,960 4,345 8,456 34,838	1,000 dollars 1,960 4,345 8,390 34,706	
Total	88,071	54,856	90.1	49,599	49,401	

¹Quantities available for market will be governed by regulations issued under Federal Market Order 991.

²The difference between production and sold, 215,000, pounds, is quantities lost in kiln and warehouse fires.

Table 444.—Hops: United States exports by country of destination and imports by country of origin, 1975-77

Item and country	Yes	r begins eptembe	ning er	Item and country	Yes	r begins leptembe	ing r
	1975	1976	1977		1975	1976	1977
Europe: Belgium and Luxembourg Czechoslovakia Germany, Fed. Rep. of Ireland Italy United Kingdom Other countries	Metric tons 1 547 75 575 9 62	Metric tons 29 248 698 548 10 223 3	Metric tons 16 400	Excers — continued Other countries: Cameroon Canada Japan Malaysia Nigeria South Africa Soviet Union Other countries	Metric tons 50 1,453 351 24 97 116 272 44	Metric fons 48 1,387 392 21 90 64 1,527 18	Metric tens 45 1,040 380 166 60 1,387 234
Total	1,269	1,759	521	Total	2,407	3,547	3,312
Latin America: Argentina Bolivia Brasil Chile Guatemala Mexico Peru Uruguay	22 54 1,039 44 27 397 197	22 65 1,423 22 53 446 244 30	13 66 1,870 30 8 197	Grand total	5,688	7,815	6,306
Venezuela	50 82	100 40	38 140	Canada Czechoslovakia France	51 201 218	308 182	127 290 160
Total	1,931	2,445	2,380	Germany, Fed. Rep. of	3,721	3,162	3,200
Bermuda and Caribbean: Dominican Republic	34 22 21	15 30 17	39 34 18	United Kingdom Yugoslavia Other countries	1,214	216 810 23	800
Other countries	4	17	18	Total	5,663	4,716	4,75
Total	81	64	93				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 445.—Popcorn: Area, yield, production, season average price received by farmers, and value, United States, 1964-781

Year	Area planted	Area harvested	Yield per acre ²	Production ³	Price per 100 pounds of ear corn ³	Value of production	
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars	
1964	171.1	165.3	2,128	351,685	2,73	9,618	
1965	214.4	205.3	2,525 2,418 2,687	518,447	2.95	15,291	
1966	218.1	207.1	2,418	500,793	2.95	14,777	
1967	218.1 182.5 197.6	161.9	2,687	434,942	2.95 3.01 2.79	13,07	
1968	197.6	185.3	2,517 2,996	466,348	2.79	13,00	
1969	192.0	182.6	2,996	547,115	2.54 2.52	13,870	
1970	192.0 147.3 178.9	136.5	2,447 3,246 3,339 3,303 2,731	333,974	2.52	8,40	
1971	178.9	173.7	3,246	563,850	3.25	18,32	
1972	174.1	157.0	3,339	524,111	3.07	16,106	
1973	154.3	148.8	3,303	491,418	3.75	14,777 13,007 13,870 8,400 18,32 16,100	
1974	198.5	188.7	2,731	515,400	6.80	35.0%	
1978	232.2	224.2	2,420	542,668	9.25 8.84	50,190	
1976	214.9 160.8	207.8	2,925	607,832	8.84	50,194 53,753 37,884	
1977	160.8	154.8	2,788	431,610	8.78	37,88	
1978	144.9	141.1	2,828	399,010	8.44	33,66	

¹In principal commercial producing States.

²Shelled corn basis; prior to 1973, ear corn basis.

Table 446. - Popcorn: Area, yield, and production, by States, 1976-781

States	Ar	Area planted		Area harvested			Yield per harvested acre ²			Production 2		
States	1976	1977	1978	1976	1977	1978	1976	1977	1978	1976	1977	1978
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
III	11.6 46.0	9.5 44.0	11.9 45.0	11.3 45.0	9.1 43.0	11.6 44.0	2,790 3,050	2,590 2,750	2,030 3,000	31,530 137,250	23,570 118,250	23,550 132,000
Kans	29.0 13.6	16.0	12.0 5.9	28.0 13.5	15.0	11.5 5.8	2,040	2,150 2,590	2,450 2,270	57,120 37,125	32,250 26,160	28,180 13,170
Ky	20.5	13.2	9.7	19.9	12.8	9.4	2,730	2,230 3,750	1,370	54,327	28,540	12,880
Mich	10.0	2.0 4.8	2.2 3.1	9.6	1.9	2.1 3.0	2,900 2,850	1,700	3,450 2,600	13,340 27,360	7,125	7,250
Nebr	53.0	44.0	39.0	51.0	42.0	38.0	3,250	3,250	3,400	165,750	136,500	129,200
Ohio	19.4	13.2	13.0	18.8	12.7	12.6	3,550	3,350	3,050	66,740	42,550	38,430
Other States 3	6.3	3.8	3.1	6.1	3.6	3.1	2,834	2,457	2,113	17,290	8,845	6,550
U.S	214.9	160.8	144.9	207.8	154.8	141.1	2,925	2,788	2,828	607,832	431,610	399,010

¹In principal commercial producing States.

²Shelled corn basis.

³Includes Alabama, Colorado, and Tennessee.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 447.—Popcorn: Production and value, by States, crop of 1978

State	Produc- tion	Season average price per cwt. shelled corn	Value of produc- tion 1	State	Produc- tion	Sesson average price per cwt. shelled corn	Value of produc- tion 1
IIIInd	1,000 pounds 23,580 132,000 28,180 13,170	Dollars 8.10 9.90 7.40 7.75 7.75	1,000 dollars 1,908 13,068 2,085 1,021	Mo	1,000 pounds 7,800 129,200 38,430 6,550	Dollars 8.20 7.70 7.55 7.69	1,000 dollars 640 9,948 2,901 504
Mich	12,880 7,250	7.75 8.20	1,021 998 595	U.S	399,010	8.44	33,668

¹ Practically all production sold from farm.

² Alabama, Colorado, and Tennessee.

CHAPTER VII

STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

Table 448.—All cattle and calves: Number and value, Jan. 1, United States, 1964-79

	Total	,	alue		Total	Value		
Year	number	Per head	Total	Year	number	Per head	Total	
1964 1965 1966 1967 1968 1969 1970	Thousands 107,903 109,000 108,862 108,783 109,371 110,015 112,369 114,578	Dollars 127.00 113.00 133.00 149.00 148.00 158.00 179.00 184.00	20,160,430	1972 1973 1974 1974 1975 1976 1977 1978	Thousands 117,862 121,539 127,788 132,028 127,980 122,810 116,375 110,864	Dollars 208.00 252.00 293.00 159.00 190.00 206.00 232.00 403.00	1,000 dollars 24,519,645 30,583,565 37,477,181 20,999,808 24,335,124 25,251,635 27,055,060 44,661,338	

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 449.—All cattle and calves: Number, by classes, United States, Jan. 1, 1965-79

		Cows an	d heifers		500 1	pounds and	over		
Year	All	that has	re calved		Heifers				Under 500 pounds: steers,
	and calves	Beef cows	Milk cows	Beef cow replace- ments	Milk cow replace- ments	Other	Steers	Bulls	heifers, and bulls
1965	Thousands 109,000 108,862 108,783 109,371	Thousands 33,400 33,500 33,770 34,570	Thousands 15,380 14,490 13,725 13,115	Thousands 5,700 5,760 5,900 6,110	Thousands 4,780 4,450 4,215 4,080	Thousands 5,980 5,990 6,100 6,020	Thousands 14,050 14,770 14,780 14,820	Thousands 2,180 2,150 2,155 2,155 2,195	Thousands 27,530 27,752 28,138 28,461
1969 1970 1971 1972	110,015 112,369 114,578 117,862 121,539	35,490 36,689 37,878 38,810 40,932	12,550 12,091 11,909 11,776 11,622	6,150 6,431 6,664 6,967 7,434	3,990 3,880 3,843 3,828 3,872	5,930 6,132 6,113 6,399 6,432	14,905 15,265 15,610 15,999 16,553	2,220 2,272 2,328 2,377 2,467	28,780 29,600 30,235 31,686 32,226
1974 1975 1976	127,788 132,028 127,980 122,810 116,375	43,182 45,712 43,888 41,389 38,809	11,297 11,220 11,087 11,035 10,939	8,193 8,884 7,196 6,529	3,941 4,067 3,958 3,888 3,896	6,852 6,518 7,393 8,057	17,760 16,333 17,083 16,885	2,643 2,985 2,845 2,665	33,922 36,291 34,531 32,361
1979	110,864	36,989	10,853	5,845 5,519	3,936	7,970 7,431	16,779 16,321	2,544 2,401	29,59 27,41

¹ Preliminary.

Table 450.—All cattle and calves: Number and value, by States, Jan. 1, 1977-79

							Value		
State		Number		Vi	lue per he	ad		Total value	
	1977	1978	1979 1	1977	1978	1979	1977	1978	1979 1
	Thou-	Thou-	Thou-	Util Plan			1,000	1.000	
	sands	sands	sands	Dollars	Dollars	Dollars	dollars	1,000 dollars	1,000 dollars
	2,360	2,130	1,820	150	160	300	354,000	340,800	546,000
nska	8.0		8.5	400	400	395	3,200	3,320	3,358
iz	1,065	1,135	1,200	215	240	385	228,975	272,400	462,000
k	2,500	2,120	2,000	160	185	345	400,000	392,200	690,000
lo	4,750 3,030	4,430 3,180	4,700	245	285	510	1,163,750	1,262,550	2,397,000
nn	110	108	3,090	210 365	235 385	415	636,300	747,300	1,282,350
1	32	31	30	290	325	565 470	40,150	41,580	57,068
	2,800	2.350	2.180	175	205	335	9,280 490,000	10,075	14,100
*******	2,300	1.975	1,650	160	180	305	368,000	481,750 355,500	730,300 503,250
Wall	240 1,900	234	215	250	250	290	60,000	58,500	62,350
ho	1,900	234 1,870	1,900	215	240	425	408,500	448,800	807,500
*******	3,200	2,950	2,850	210	235	385	672,000	693,250	1.097,250
	2,125	2,025	1,750	220	245	395	467,500	496,125	691,250
va	7,650	7,800	7,300	210	235	405	1,606,500	1,833,000	2,956,500
ns	6,400	6,000	6,200	190	220	365	1,216,000	1,320,000	2,263,000
	3,300 1,700	3,120	2,600	195	210	370	643,500	655,200	962,000
ne	133	1,425	1,350	170	185	325	289,000	263,625	438,750
	420	390	370	310 280	325 310	495	41,230	42,900	61,380
	104	99	95	380	415	455 560	117,600	120,900	168,350
	1,570	1,470	1.250	290	325	500	39,520 455,300	41,085	53,200
	4,000	3,700	3,650	235	280	465	940,000	477,750 1,036,000	625,000 1,697,250
	2,670	2,130	1.790	155	170	315	413,850	362,100	563,850
	6,400	6,000	5,550	185	210	375	1.184,000	1,260,000	2,081,250
	2,980	2,680	2,607	220	240	455	655,600	643,200	1,186,185
	6,450	6,500	6,450	205	240	410	1,322,250	1,560,000	2,644,500
	600	870	560	200	220	400	120,000	125,400	224,000
	72	74	68	355	355	480	25,560	26,270	32,640
ex	1.500	114	108 1,500	375	370	535	42,750	42,180	57,780
	1,860	1,760	1,711	175 365	195 390	345	262,500	302,250	517,500
	1,080	1,100	1,000	175	185	600 305	678,900	686,400	1,026,600
k	2,235	2,060	1.967	210	245	470	189,000 469,350	203,500 502,250	329,400 924,490
******	2.250	2.025	1,850	240	270	445	540,000	546,750	823,250
******	5,650	5,900	5,300	170	200	355	960,500	1.180,000	1.881.500
	1,520	1,490	1,475	200	230	405	304,000	342,700	597,375
*******	1,960	1,900	1,840	335	350	530	656,600	665,000	975,200
*******	10	10.0	9.0	375	405	585	3,750	4,050	5,265
	750	690	575	160	175	315	120,000	120,750	181,128
uk	3,650	3,925	3,750	200	240	440	730,000	942,000	1,650,000
	15,800	2,700 14,500	2,350	170	185	340	510,000	499,500	799,000
h	880	864	13,900 810	170 210	185	345	2,686,000	2,682,500	4,795,500
	338	336	320	390	230 405	405 600	184,800	198,720	328,050
	1,620	1.620	1.550	195	200	355	131,820 315,900	136,080 324,000	192,000
h	1,350	1,275	1.375	230	260	445	310,500	331,500	550,250 611,875
Va	549	550	535	175	185	330	96,075	101,750	176,580
*******	4,275	4,100	4,100	315	380	580	1,346,625	1,558,000	2,378,000
0	1,550	1,280	1,300	220	245	430	341,000	313,600	559,000
J.S	122,810	116,375	110,864	206	232	403	25,251,635	27.055.060	44,661,338

¹ Preliminary.

Table 451.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1978 and 1979

	Cows	and heifer	that hav	ve calved		Heife	rs, 500 p	ounds and	lover	
State	Bee	f cows	Milk	COWS		cow ements		cow	Otl	her
	1978	19791	1978	1979	1978	19791	1978	19791	1978	1979
	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou
A	sands 1.015	sands 901	sands	sande	sands	sands	sands	sands	sands	sand
aska	2.5		85	1.3	138	118	17	15	49	4
iz	297	287	68	70	40	60.8	10	15	42.1	
k	1.080	1.040	90	90	187	176	21	26	53	1
lif	966 857	930	846	90 860	190	234	310	391	159	17
lo		843	72	72	127	133	25	28	579	57
nn	9	9	51	49	2	1	18	18	3	
	5	3	12	12	. 1	1	3	3	1	
	1,213	1,149 731	197	189	181	146	37	38	59	4
waii	80	78	129	129	128	104	44	33	85	6
ho	562	584	138	141	17 95	118	8 66	87	19	1
	740	747	233	236	127	100	89	100	155 395	12 38
	572	482	208	202	101	70	83	84	205	18
ra	1,800	1,684	380	374	187	163	164	126	1.170	1.11
ns	1,660	1,754	140	136	180	223	42	37	840	65
************	1,253	1,070	277	265	180	156	97	81	125	8
	727	703	129	127	106	108	29	33	24	3
ine	10	9	58	56	4	.4	23	21	2	
ms	57	59	136	134	18	14	47	41	12	1
ch	196	138	51 404	46	29	3 19	16	15	1	
nn	550	530	850	850	93	93	184 329	149 333	56 302	5
	1.100	950	110	103	184	125	28	26	30	26
	2,418	2,284	282	276	360	297	96	100	270	25
nt	1,409	1,453	27	27	217	257	8	8	94	9
br	2,032	1,977	128	123	260	277	26	32	824	90
	285	280	15	15	44	46	7	8	15	1
	14	15	31 47	30	2	1	13	12	2	
Mex	620	602	31	43 33	87	5	13	14	3	- 3
	85	75	915	904	30	75 17	12 341	339	105	7
	415	402	146	143	83	90	38	38	33	4
Dak	976	961	104	97	127	121	23	22	72	8
0	455	388	398	382	79	78	158	163	108	7
	2,186	2,138	114	112	288	245	30	20	300	26
6	622	597	93	93	95	109	30	31	70	8
*************	199	171	703	703	48	42	237	230	67	5
***************	306	254	5 56	5	0	0	2	.1	0	- 1
Oak	1.468	1.391	170	51 169	53 204	46	14	13	13	1
m	1,155	1,050	205	210	199	186	47 59	39 66	220 81	210
	6,236	5,890	314	310	900	840	90	90	920	960
h	321	312	76	77	44	43	41	37	40	31
**********	12	10	195	189	3	2	61	60	3	
	579	588	171	172	110	85	84	77	49	41
ah	364	380	176	190	64	76	64	90	82	81
Va	243	233	37	37	59	58	12	13	13	11
0	220 583	228 613	1,810	1,810	45	62	696	713	115	81
W	000	013	12	11	120	109	3	3	69	50
		-								-

See footnotes at end of table

Table 451.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1978 and 1979—Continued

State		00 pounds over	Bulls, 50 and	0 pounds over	Steers, heife under 50	rs, and bulls 0 pounds
	1978	19791	1978	19791	1978	1979 1
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
•		102	68	58	607	50
aska	380	504	27	1.2 25	271	22
*	88	80	70	66	531	48
dif	997	1,085	66	69	896	96
olo	766	735	51	46	703	65
onn		2	2	2	20	1
		100	82	76	447	
	134	99	55	43	555	44
awaii		25	7	7	59	5
aho	320	275	40	37	494	53
*******************		547	47	48	679	68
d		282	34	37	453	40
wa	1,778	1,828 1,737	92 82	89 99	2,229 1,380	1,92
		213	81	73	800	60
		52	47	43	319	2
aine	4	4	2	2	29	
d		33	9	8	74	
		2	28	19	17	1 1
ich		187 637	48	19	329 899	90
im	63	50	67	59	548	4
		633	126	123	1.805	1.5
mt	145	135	86	86	694	5
be	1,417	1,452	110	103	1,703	1,5
		35	16	15	155	1
H		3 6	1 3	1 3	16 22	
Mex		184	43	40	480	4
Y	39	22	28	22	289	2
C		65	34	33	285	2
Dak	123	142	51	49	574	1
io	1.100	296 800	134	35 120	1,748	1.6
62		171	40	35	395	3
	247	230	38	41	361	3
		0	0	0	2	
C		35	22	20	186	1
Dak		428	75	71	1,270	1,2
mn		2,050	59 440	57 410	3,760	3.3
ah	79	79	18	18	245	2
	. 3	2	5	4	54	
	170	155	36	35	421	3
ash		240	23	28	234	2
Va	. 46	45 291	18	19	122 865	1 8
is	308	108	41	38	347	3
yo	100	108	41		341	
u.s	. 16,779	16,321	2.544	2,401	29,595	27,4

¹ Preliminary.

Table 452.—Cattle and buffalo: Number in specified countries, 1977-791

Continent and country	1977	1978	19792	Continent and country	1977	1978	19792
North America: Canada Costa Rica Dominican Republic El Salvador	Thou- sands 13,710 1,920 2,000 1,162	Thou- sands 12,870 2,002 2,050 1,236	Thou- sands 12,250 2,071 2,150 1,294	Europe — Con. Bulgaria Czechoslovakia German Dem. Rep Hungary	Thou- sands 1,790 4,654 5,470 1,887	Thou- sands 1,735 4,758 5,549 1,949	Thou- sands 1,762 4,887 5,572
Guatemala Honduras Mexico Nicaragua	2,270 1,770 29,300 2,686	2,417 1,700 29,700 2,774	2,580 1,820 29,300 2,846	Poland Romania Yugoslavia	12,000 6,349 5,641	12,359 6,301 5,542	1,963 12,830 6,510 5,522
Panama	1,374 122,810	1,367 116,375	1,385 110,864	Total Eastern Europe	37,791	38,193	39,046
Total	179,602	172,491	166,560	Total Europe	130,633	131,181	132,840
South America: Argentina	61,291	60.485	58.196	Soviet Union	110,300	112,700	114,400
Brazil	91,000 3,407	89,000 3,492	90,000 3,550	Africa: South Africa	13,060	13,135	13,271
Colombia Ecuador Peru	24,335 2,875 4,300	25,294 2,951 4,350	26,280 3,024 4,350	Total	13,060	13,135	13,271
Uruguay Venezuela	9,843 9,933	9,424 10,231	9,613 10,537	Asia: China, Taiwan	249 241,490	250 242,690	250 242,500
Total	206,984	205,227	205,550	Iran	7,400 333	7,500 324	7,500 320
Europe: Belgium-Luxembourg	3,022 3,064 23,334	3,030 3,055 23,360	3,084 3,052 23,855	Japan Korea, Rep. of Philippines Turkey	3,875 1,554 4,620 15,158	4,009 1,618 4,779 15,552	4,080 1,728 4,928 15,800
Germany, Fed. Rep. of . Ireland	14,496 6,210 8,813	14,763 6,246 8,568	14,890 6,150 8,770	Total	274,679	276,722	277,076
Netherlands United Kingdom	4,528 13,667	4,673 13,520	4,750 13,430	Oceania: Australia	31,533 9,472	29,379 9,129	27,136 9,000
Total EC	77,134	77,215	77,981	Total	41,005	38,508	36,136
Austria Finland Greece Norway Portugal Spain Sweden	2,502 1,661 1,116 944 1,100 4,501 1,879	2,547 1,657 1,035 964 1,115 4,545 1,895	2,570 1,644 1,000 969 1,120 4,590 1,905	Total selected countries	955,663	949,964	945,833
Switzerland	92,842	92,988	93,794			1	

¹Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

²Preliminary.

*850 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

POOTNOTES FOR TABLE 456

¹Calves born during the year.

²Excludes interfarm sales.

³Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

⁴Beginning 1966, farm slaughter excludes animals custom slaughtered for farmers at commercial establishments.

⁵Cattle and calves combined beginning 1967.

^{*}Cattle and caree commune to gamma of Preliminary.

7 Adjustments were made for cattle shipped in and changes in inventory.

8 Receipts from marketings and sale of farm slaughter.

9 "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

10 Discontinued.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 453.—Calf crop: Cows and heifers that have calved and calves born, by States, 1977 and 1978

		Cou	rs and heifers	that have cal	ved		
Stat	1.00	Jar	1.1	Jul	y 1	Calve	born
		1977	19781	1977	19781	1977	19781
150		Thousands	Thousands	Thousands	Thousands	Thousands	Thousand
	*********	1,180	1,100	1,236	1,010	1,020	950
		3.9	3.9		******	3.2	3.0
		1,300	365 1.170	365 1,285	387 1,110	285	285
		1.800	1.812	1,711	1,690	1,110 1,600	1,070
		960	929	940	840	865	780
onn		60	60		940	51	49
el		17	17			15	13
		1.579	1.410	1,496	1.357	1.135	1.060
		1,090	968	990	898	850	760
awaii	*********	98	93			74	64
aho	*********	750	700	750	735	720	710
		1,034	973	1,042	994	910	900
d		810	780	820	711	720	655
wa		2,295	2,180	2,200	2,088	2,140	2,030
ans		1,831	1,800 1,530	1,850 1,561	1,788	1,640	1,730
		991	856	854	880	730	689
aine		68	68	804	880	58	54
d		209	193			180	180
		62	59			52	47
lich		644	600	606	570	570	510
inn		1.520	1,400	1.505	1,380	1.390	1.280
liss		1,440	1,210	1,345	1,179	1,150	1.010
lo	**********	2,925	2,700	2,920	2,640	2,600	2,450
lont		1,576	1,436	1,606	1,535 2,080	1,530	1,443
		2,220	2,160	2,190	2,080	2,000	1,960
		312	300	*******		238	235
.н		37	37			34	32
		62	61 651	081	630	52 565	50 560
		1.025	1,000	1,000	981	930	910
		545	561	1,000	201	500	491
		545 1,173	1.080	1,235	1,127	1,130	1.050
		910	853	880	780	790	750
kla		2,375	2.300	2,660	2,300	2,100	2,000
		700	715	750	720	650	630
		902	902	885	869	775	770
	*********	6.0	6.0			5.0	5.
C		390	362		1111111	306	260
Dak		1,550	1,638 1,360	1,672	1,669 1,330	1,670	1,590
	**********	6,800	6,550	1,525 6,850	6,200	1,230 5,700	5,300
		414	397	0,000	0,200	373	350
		206	207			184	170
		720	750	775	815	660	668
		536	540	587	557	460	491
		278	280			258	250
		2,099	2,030	2,055	2,030	2,010	1,990
		732	595	730	655	670	605
34 States				49,527	45,885		
6 Other States ²				2,644	2,592		
U.S		52,424	49,748	52,171	48,477	46,088	43,839

833

ble

Preliminary.
 Individual State estimates not available for July 1.

Table 454.—Cattle and calves: Number on feed, by States, by quarters, 1978 and 19791

	1 D F.	19	78		18	779
State	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
Aris Calif Colo Idaho III Ind Ind Iowa Kans Mich Minn Mo Mont Nebr N. Mex N. Mex N. Dak Ohio Oreg Pa S. Dak Tex Wash	Thousands 422 845 1,020 249 650 315 1,990 1,400 200 400 220 81 1,700 206 33 225 360 98 98 385 1,860 184 1390	Thousands 382 535 535 940 2412 510 255 525 1,560 1,386 60 1,700 191 28 250 335 76 82 260 1,810 183 123 123	Thousands 378 688 698 910 228 248 460 205 300 1,390 180 330 135 82 1,480 187 70 55 265 1,870 174 106	Thousands 442 844 844 921 930 190 190 1,250 1,400 1155 220 30 1,640 193 27 155 88 250 200 1100	Thousands 490 490 595 798 1,080 220 230 1,440 180 400 180 202 34 2225 345 75 86 340 2,000 188 106	7housands 382 622 244 486 277 1,430 166 344 146 59 159 29 67 71 171 100
23 States	12,811	11,741	10,924	11,347	12,681	11,07
Aln Ark Ark Ark Fla Ga Hawaii Ky La Md Miss Nev Nov NJ NJ NY NC SC Tenn Utah Va W Va W Va W Va	40 25 72 101 14 50 14 21 12 18 4 11 40 31 20 62 50 10 60 3				33 19 85 80 111 45 13 20 13 17 4 111 40 25 27 55 43 10 60 3	
U.S	13,469				13,275	

¹Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcase that will grade Good or better. Data not available for all States in quarters where no figures are shown.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 455. - Cattle and calves: Number on feed, United States, Jan. 1, 1964-791

	Year	Number	Year	Number	Year	Number	Year	Number
1964 1965 1966 1967		Thousands 9,845 9,979 10,582 11,268	1968	Thousands 11,417 12,534 13,190 12,770	1972 1973 1974	Thousands 13,912 14,432 13,643 10,170	1977	Thousands 12,941 12,580 13,469 13,275

¹Cattle and calves on feed are animals for alaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1964-71, data shown are for 39 States—the 23 shown in table 454 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

¹Preliminary.

Table 456.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1964-78

		Deat	h loss	Marke	tings ³	Cattle shipped in	Farm siz	sughter*
Year	Calf crop 1	Cattle	Calves	Cattle	Calves	for feeding and breeding ³	Cattle	Calves
1001	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1.000 head	1.000 head
1964	43,809	1,595	2,637	40,280	12,552	15,595	864	378
1966	43,928 43,537	1,641 1,625	2,607	43,482	12,603	17,464	828	368
1967	43,803	1,533	2,424 2,512	45,038 44,781	12,488	18,624	449	216
1968	44,315	1,533	2,612	45,860	12,365 12,742	18,597	* 60	
1969	45,177	1,532	2,591	45,559	12,742	19,509 19,942	54	
1970	45,871	1.583	2.714	46,926	12,036	20,059	46	
1971	46,738	1.634	2.808	49.143	12,086	22,673	4	
1972	47,682	1,780	3,346	51,043	12,164	24,831	50	
1973	49,194	2,099	4,388	48,369	11.652	24,133	57	
1974	50,873	2,006	4,104	48,383	9,514	18,103	71	
1975	50,183	2,396	4,596	54,331	12,253	20,095	78	
1976	47,440 46,088	1,821	3,369	55,410	12,525	21,238	72	
1978	43,839	2,000 1,900	4,000 3,780	56,342	12,722	23,241	70	
1910	40,000	1,500	3,780	54,437	11,965	23,281	50	10
Year	Quantity produced (live	Value of production?	Cash re- ceipts from sales of cattle,	Value of cattle and calves slaughtered	Gross income?	Cost of cattle shipped in for feeding	per 100	re price pounds by farmers
	weight)7	LIOII	calves, beef, and veal ⁸	for home consumption		and breeding	Cattle	Calves
	1,000	1.000	1.000	1.000	1.000	1.000		
	pounds	dollars	dollars	dollars	dollars	dollars	Dollars	Dollars
1964	34,836,138	6,286,449	7,784,946	153,937	7,938,883	1,935,512	18.00	20.40
1965	34,002,808	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.90	22.00
1967	34,949,625 36,122,064	7,858,674 8,128,910	10,429,677	185,727	10,615,404	2,948,732	22.20	26.00
1968	36,530,247	8,622,297	10,549,863	175,841	10,725,704	2,882,564	22.30	26.30
1969	37,146,953	9,871,130	11,263,932 12,573,321	183,393 207,307	11,447,325	3,125,355	23.40	27.60
	39,421,123	10,915,510	13,691,776	242,920	12,780,628 13,934,696	3,624,109	26.20	31.60
1970		11,631,478	14,985,864	260,669	15,246,533		27.10 29.00	34.50
	39,434,379				18,579,140	*******	33.50	44.70
1970 1971 1972	41,225,193	14,166,979	18,236,654					
1970 1971 1972 1973	41,225,193 41,231,445	14,166,979 18,138,977	22,336,212	342,486 477,818				
1970 1971 1972 1973	41,225,193 41,231,445 42,760,575	14,166,979 18,138,977 14,905,532	22,336,212 17,843,774	477,818 505,841	22,814,030 18,349,615		42.80	56.60
1970 1971 1972 1973 1974	41,225,193 41,231,445 42,760,575 40,878,134	14,166,979 18,138,977 14,905,532 12,800,056	22,336,212 17,843,774 17,524,133	477,818 505,841 458,255		********		56.60 35.20
1970 1971 1972 1973 1974 1975	41,225,193 41,231,445 42,760,575 40,878,134 41,368,299	14,166,979 18,138,977 14,905,532 12,800,056 13,818,232	22,336,212 17,843,774 17,524,133 19,301,613	477,818 505,841 458,255 501,633	22,814,030 18,349,615 17,982,388 19,803,246	********	42.80 35.60	56.60
1970 1971 1972 1973 1974	41,225,193 41,231,445 42,760,575 40,878,134	14,166,979 18,138,977 14,905,532 12,800,056	22,336,212 17,843,774 17,524,133	477,818 505,841 458,255	22,814,030 18,349,615 17,982,388	*******	42.80 35.60 32.30	56.60 35.20 27.20

See footnotes on page 304.

Table 457.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1964-78

		Steers 1			Heifers 1		Con	vs ²
Year	Prime	Choice	Good	Prime	Choice	Good	Com- mercial	Utility
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1964	23.36	22.41	20.29	22.79	21.88	19.72	13.73	13.2
1965	26.01	24.99	22.60	25.13	24.12	21.74	15.07	14.4
1966	26.66	25.71	24.00	25.76	24.83	22.85	18.44	17.8
1967	26.10	25.29	23.74	25.40	24.62	22.80	17.22	17.2
1968	27.73	26.87	24.79	26.89	25.96	23.89	17.65	17.9
1969	30.62	29.45	27.14	29.56	28.53	26.13	19.99	20.2
1970	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.3
1971	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.6
1972	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.2
1973	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.8
1974	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.5
1975	*****	44.61	39.45	*****	43.12	37.60	21.63	21.0
1976	*****	39.11	35.87		37.98	34.10	26.08	25.3
1977		40.38	36.70		38.96	35.20	26.11	25.3
1978		52.34	47.98		80.30	46.11	37.80	36.7

See footnotes on page 311.

ands 380 623 925 245 480 1,430 1,260 340 1,400 1,590 1,590 1,790 1,790 1,790 1,740 1

Table 458. - Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1978 (preliminary)

	Marke	Marketings !	Cattle	1	One of the other		Cash receipts	Value of	
State	Cattle	Calves	feeding breeding	of cattle and calves	groduced (live weight)*	Value of production	of cattle, calves, best, and veal *	calves slaughtered for home consumption	Gross income*
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	2000 and 200	000, 05 05 05 05 05 05 05 05 05 05 05 05 05	1,000 to 100 to	2000 1000	1,000 pounds 70% pounds 70% pounds 60% 1,0	1,000 delaw 300,1 300,130 300,	1,000 dellara 498 499 498 499 11,711,489 11,	1,000 delama 1,000	0.000 dellara (0.000
	3,069	356	916	999	1,963,070	984,041	386,661	17.88 40.48	1,440,98

462 306 96 31 196 96 31 196 31
8.488848888888888888888888888888888888

Table 459.—Cattle and calves: Receipts at selected public stockyards, 1964-781

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report-	Total markets report- ing 23
- 11	Cattle										
964 966 966 966 967 967 967 967 967 967 967	Thou- eands 1,647 1,524 1,378 1,285 1,168 1,080 923 4420	Thou-sands 689 799 520 208 157 109 61 35 (5)	Thousands 316 282 236 210 195 170 141 121 122 130 130 190 123 139 108	Thou- sends 1,351 1,175 1,067 945 841 717 600 515 437 396 434 522 384 352 313	7hou-sands 2,193 2,083 2,019 1,849 1,675 1,419 1,322 1,240 1,165 1,086 1,230 1,227 1,089 1,092 829	Thou-sands 773 736 679 621 563 492 422 399 308 355 412 390 358	Thou-sands 855 807 790 789 805 781 709 427 373 337 347 399 225 252	7hou-sands 1,223 1,190 1,204 1,238 1,253 1,253 1,253 1,253 896 916 855 980 1,178 1,112 846 754	77hou-sands 1,434 1,390 1,279 1,214 1,205 982 934 758 748 814 943 1,029 946 765 707	Thousands 7,475 7,729 7,301 8,214 8,864 8,435 9,490 8,670 9,141 8,792 8,580 10,304 9,538 9,687 8,271	Thou-sands 17,956 17,711 16,47; 16,57; 16,70; 15,31; 13,48; 13,27; 12,71; 12,99; 15,26; 13,93; 13,56; 11,59;
						Calves					
964	Thousands 5 4 3 3 2 1 1	Thou-sands 72 57 40 38 47 32 8 4 3 (5)	Thou-sands 106 105 112 122 122 121 122 110 102 96 84 82 90 81 73 54	Thousands 161 109 83 77 78 60 52 49 61 48 39 53 32 27 45	Thousands 100 87 766 80 56 40 34 23 12 14 32 27 24 (*)	Thou-sands 69 61 41 33 33 33 22 15 10 16 19 13 11 19	Thou-sands 19 17 18 24 22 23 26 30 30 22 21 11 8 5 5	Thousands 333 351 305 313 256 199 140 125 126 107 105 136 113 85	Thousands 166 165 163 156 163 178 39 47 27	Thousands 1,577 1,533 1,294 1,115 858 873 747 664 571 539 342 414 419 402 126	Thou-sands 2,600 2,488 2,133 1,966 1,599 1,466 1,186 1,086 94 823 75 73 633 32

¹Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. ²Rounded totals of the complete figures. ³The number of stockyards varies from 23 to 46. ⁴Market closed Aug. 1, 1971. ⁵Data no longer reported. ⁸Cattle and calves combined in 1977.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 460.—Cattle and calves: Number slaughtered, United States, 1964-78

Year		Cat	tle slaught	er		Calf slaughter					
	C	Commercial				Commercial					
	Federally inspected	Other	Total 1	Farm	Total	Federally inspected	Other	Total 1	Farm	Total	
	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou	
964	sands 25,133	sands 5,685	sands 30,818	sands 864	sands 31.682	4.820	2.434	sands 7,254	sands 378	3ands 7,635	
965	26,614	5,733	32,347	828	33,175	5,076	2,344	7,420	368	7,786	
9663	27,319	6,408	33,727	449	34,176	4,432	2,215	6,647	216	6.86	
967	27,780	6,089	33,869	430	34,299	4,002	1,917	5.919	192	6,111	
968	29,592	5,434	35,026	394	35,420	3,876	1,567	5,443	174	5,61	
969	30,537	4,700	35,237	338	35,575	3,637	1,226	4,863	148	5,011	
970	30,793	4.232	35,025	331	35,356	3,024	1,048	4.072	131	4.200	
971	31,419	4,166	35,585	320	35,905	2,806	883	3,689	136	3,825	
070	32,267	3,512	35,779	355	36,134	2,421	632	3,053	148	3,201	
	30,521	3,166	33,687	415	34,102	1,808	441	2,249	155	2,40	
	33,319	3,493	36,812	541	37,353	2,355	632	2,987	188	3,178	
-	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,400	
976	38,992	3,663	42,654	545	43,199	4,438	912	5,350	177	5,527	
978	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692	
	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,300	

See footnotes on page 311.

Table 461.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1964-78

	1	Cattle		Calves				
Year	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds		
964 965 966 967 968 969 970 971 972 973 974 975 977 977	Thousands 25,133 26,614 27,319 27,780 29,892 30,537 30,783 31,419 32,267 90,521 33,319 36,904 38,992 38,717 36,948	Pounds 1,041 1,016 1,031 1,039 1,030 1,040 1,040 1,044 1,052 1,009 1,030 1,030 1,040 1,048	Dollars 19.71 21.37 23.34 23.43 24.63 27.25 27.79 30.05 33.50 42.10 39.37 38.06 36.33	Thousands 4,820 5,076 4,432 4,002 3,876 3,637 3,024 2,806 2,421 1,806 2,355 3,894 4,438 4,696 3,620	Pounds 204 203 201 191 196 197 199 206 210 207 211 227 223 207	Dollars 19.8 20.9 25.5 25.9 27.4 30.9 33.0 34.5 41.6 52.1 37.8 28.5 34.4 (1)		

¹ Discontinued as of January 1977.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 462. - Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1964-1978

Year			Number			Percentage of total					
		Cows and heifers			Bulls		Cows and heifers			Bulis	
	Steers	Cows	Heifers	Total	and stags	Steers	Cows	Heifers	Total	and stage	
	Thou-	Thou-	Thou-	Thou-	Thou-						
4	sands 14,395	5,322	5,128	sands 10,450	sands 287	Percent 57.3	Percent	Percent	Percent 41.5	Percent	
5	13,486	6,646	6,066	12,712	415	50.7	21.1 25.0	20.4 22.8	47.8	1.	
6	13,844	6,120	6.935	13,055	420	50.7	22.4	25.4	47.8	i.	
7	14,681	5,540	7.174	12,714	385	52.8	20.0	25.8	45.8	1	
8	15,361	5,785	7,986 8,286	13,771	459	51.9	19.5	27.0	46.5	1.	
9	15,754	5,998	8,286	15,284	499	51.6	19.6	27.1	46.7	1.	
0	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.	
2	17,003 17,749	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.	
3	16,604	5,402 5,659	8,535 7,645	13,937 13,304	583 613	55.0	16.7	26.5	43.2	1.	
14	17,824	6,794	7,960	14,754	741	54.4 53.5	18.5 20.4	25.1 23.9	43.6	2.	
75	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	44.3 53.7	2	
76	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	
7	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2	
78	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2	

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹900 to 1,100 pound weight range; simple average of price range.
² All weights; simple average of price range.

Agricultural Marketing Service.

¹Totals are based on unrounded numbers.

Deginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Total

Table 463.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 19781

		Cattle		Calves				
State	Number slaughtered	Total live weight	· Average live weight	Number slaughtered	Total live weight	Average live weight		
	Thousands	1,000 pounds	Pounds	Thousands	1,000 pounds	Pounds		
	175.8	153,684	874	20.6	9,796	474		
ir	279.5	280,576	1,004	6.4	969	15		
k	184.9	162,167	877	1.7	735	43 19		
	2,291.6	2,401,245	1,048	257.2	50,236	190		
nd Md	2,702.0	2,859,063	1,058	2	62	333 296		
	79.8	84,883	1,064	16.9	5,004	296		
	490.6	469,600	957	161.8	63,394	392		
	439.7 64.2	381,734	868 951	101.1	16,177	160		
	64.2 685.5	61,061 748,462	1.092		900			
	1,497.9	1,531,964	1,092	178.9	230 34.627	364 194		
	455.2	454,912	999	52.5	16,599	316		
	3.957.1	4,189,376	1.059	241.7	38,515	159		
	2,928.9	3,106,407	1,061	1.2	366	317		
	348.1	322,246	926	9.0	2,214	247		
	150.2	133,924	892	231.8	95,646	413		
	626.6	716,127	1,143	100.6	18,530	184		
	1.324.1	1,429,920	1.080	8.7	1,538	177		
	304.4	260,770	857	34.4	19,257	561		
	1.004.6	1.040.888	1,036	13.9	3,692	266		
	158.0	158,822	1.005	.5	165	314		
	5.365.1	5,728,604	1,068	ı i	37	358		
	16.3	16,400	1,009	2	92	410		
	208.1	250,784	1.205	164.2	49.323	300		
	539.4	516,530	958	.5	200	379		
	322.1	363,266	1.128	895.2	120,989	135		
	150.6	135,034	897	5.5	1,490	273		
	116.9	123,791	1,059	A	169	429		
	965.0	1,009,160	1,046	20.1	4,122	205		
	739.2	709,510	960	11.2	5,279	473		
	161.3	173,012	1,073	10.0	3,878	388		
	884.3	990,940	1,121	352.3	50,674	144		
	121.3	107,024	882	63.9	30,036	470		
	733.9	777,779	1,060	.2	51	268		
	375.5	338,104	900	46.6	8,120	174		
	6,158.8	6,033,434	980	428.2	222,964	521		
	217.0	229,469	1,057	.7	236	331		
	138.5	136,237	983	80.3	27,798	346		
	710.7	784,527	1,104	34.5	4,963	144		
	44.4	40,834	920	1.1	319	283		
	1,253.4	1,393,566	1,112	411.9	78,997	192		
	19.8	20,316	1,025					
	161.5	160,110	991	203.4	24,593	121		
	39,552.1	40,986,260	1,036	4,170.2	1,012,084	243		

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.
² Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Table 464.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1964-781

110	Steer	beef	Heife	rbeef	Cow beef,	all weights
Year	Choice, 700-800 lb.	Good, 600-700 lb.	Choice, 500-600 lb.	Good, 500-600 lb.	Utility Breaking ²	Canner and Cutter
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
964	36.48	34.81	35.93	33.74	26.15	27.1
	40.48	38.12	39.01	37.08	27.90	28.6
	40.28	38.90	39.38	37.80	33.48	35.4
	41.01	39.26	40.16	38.36	32.82	35.9
	43.84 47.75	41.35	42.76	40.56	34.68	37.3
		44.92	46.62	44.09	38.71	41.5
	46.82	44.74	46.26	43.89	39.86	44.7
MO	52.39	48.60	51.72	47.97	41.01	45.6
	55.34	52.90	54.56	51.94	45.97	51.4
	67.41 67.09	64.58	66.44	63.17	58.98	65.7
		62.56	66.51	61.93	46.73	53.4
	73.64	67.88	71.62	65.87	43.20	43.0
	60.96	58.24	59.75	56.81	49.36	52.0
	62.66	58.21	60.94	56.20	45.51	51.5
978	80.80	76.06	78.58	73.00	65.37	74.6

¹ Chicago prices through 1975, with 1975 reflecting only a Jan. – Sept. average. Midwest prices start with 1976.
² Utility grade prior to 1966.
³ Midwest prices, Chicago now included in Midwest Report.

Agricultural Marketing Service.

243

Table 465.—Hogs and pigs: Number and value, United States, Dec. 1, 1967-78

Year	Number	Va	lue	Year		Value		
	- Number	Per head	Total	Year	Number	Per head	Total	
1967 1968 1969 1970 1971	Thousands 58,818 60,829 57,046 67,285 62,412 59,017	Dellars 28.30 30.50 39.00 23.50 28.50 42.00	1,000 dollars 1,662,793 1,857,226 2,224,643 1,583,712 1,779,619 2,477,260	1973 1974 1975 1976 1977 1978	Thousands 60,614 54,693 49,267 54,934 56,539 59,860	Dollars 60.40 44.90 80.40 47.00 63.20 83.30	1,000 dollars 3,663,168 2,457,053 3,959,360 2,582,568 3,575,278 4,986,498	

Preliminary.

Table 466.—Hogs and pigs: Number and value, by States, Dec. 1, 1976-78

						Va	lue		
State		Number		Vi	alue per he	ıd		Total value	
	1976	1977	19781	1976	1977	19781	1976	1977	19781
	Thou-	Thou-	Thou-				1.000	1.000	1.000
	sands	sands	sands	Dollars	Dollars	Dollars	dollars	dollars	dollars
Ma	630	650	700	45.50	53.00	72.00	28,665	34,450	50,40
lanka	.80	1.00	1.10	129.50	117.00	134.00	104	117	14
riz	99	102	144	48.00	55.50	71.50	4,752	5,661	10.28
rk	395	400	400	44.50	54.00	69.00	17,578	21,600	10,28 27,60
alif	133	160	190	59.50	58.00	79.00	7.914	9,280	15.01
olo	280	320	330	44.50	56.00	72.50	12,460	17,920	23,95
onn	9.0	9.9	8.5	55.00	72.00	86.00	495	713	73
lel	50	60	50	46.00	58.00	81.50	2,300	3,480	4,07
la	320	320	360	46.50	57.00	76.00	14,880	18,240	27.36
a	1,600	1,720	1,800	51.00	55.00	74.00	81,600	94,600	133,20
lawaii	60	62	54	90.00	85.50	84.00	5,400	5,301	4,53
daho	45	60	79	44.00	53.50	72.00	1,960	3,210	5,68
11	6,400	6,100	6,550	47.00	64.50	84.50	300,800	393,450	553,47
nd	4,100	4,100	4,400	45.50	64.00	80.00	186,550	262,400	352,00
owa	14,200	14,500	15,100	48.50	68.50	89.50	688,700	993,250	1,351,45
Cans	1,850	2,000	1,960	43.50	60.00	79.50	80,475	120,000	155,82
y	1,080	1,140	1,150	44.00	56.50	78.00	47,520	64,410	86,25
A	150	160	140	50.50	50.00	69.50	7,575	8,000	9,73
daine	7.1	7.2	9.0	51.50	66.00	86.50	366	475	77
£d	190	200	215	46.50	59.50	80.00	8,835	11,900	17,20
Mass	50	60	60	50.50	59.50	76.50	2,525	3,570	4,59
dich	720	640	810	51.00	66.00	84.00	36,720	42,240	68,04
tinn	3,600	4,000	4,100	46.50	64.00	90.50	167,400	256,000	371,08
line	405	420	410	47.50	57.50	73.00	19,238	24,150	29,90
do	3,750	3,700	4,100	46.00	64.50	85.50	172,500	238,650	350,50
Mont	186	211	222	45.00	57.00	72.00	8,370	12,027	15,98
lebr	3,100	3,150	3,650	47.50	67.00	88.50	147,250	211,050	323,05
lev	8.0	9.0	8.0	48.00	55.00	75.00	384	495	60
V.H	8.5	9.5	8.4	50.50	60.00	80.50	429	570	67
J	75	76	67	55.50	64.00	82.50	4,163	4,864	5,52
i. Mex	73	60	50	46.00	52.00	66.50	3,358	3,120	3,32
V.Y	120	125	140	52.00	63.00	77.00	6,240	7,875	10,78
V.C	1,940	2,300	2,350	47.50	57.50	74.00	92,150	132,250	173,90
V. Dak	330	320	335	46.50	63.00	82.50	15,345	20,160	27,63
Ohio	1,900	1,750	1,900	46.50	59.00	78.00	88,350	103,250	148,20
Okla	330	330	315	42.00	56.00	70.00	13,860	18,480	22,08
)reg	95	100	100	50.00	57.50	72.50	4,750	5,750	7,20
a	700	790	820	45.00 50.00	56.50 63.50	79.00	31,500	44,635	64,78
LI	8.7	9.5	9.9			80.50	435 22,325	603	75
Dak	470	520	525	47.50	55.50	74.00	22,325	28,860	38,8
	1,500	1,580	1,620	45.00	66.00	88.50	67,500	104,280	143,3
enn	1,010 850	1,180	1,300	44.00 43.50	56.50 49.50	71.50 72.50	44,440 36,975	66,670 44,055	58.00
ex	51				52.50	72.50			
Jtah	6.0	7.0	6.3	43.50	75.50	69.00 86.00	2,219 330	2,205 529	3,30
Vt	650	650	670	55.00		72.50	29,900		48.57
Va	62	68		46.00 55.00	54.50 56.00	65.00		35,425 3,808	48,07
Wash W. Va	55		50				3,410		
Wis	1.250	1,378	1.650	47.50 46.00	54.50 62.50	77.50 80.00	2,613 57,500	3,270 86,125	3,8° 132.00
Wyo	32	32	30	45.00	58.00	81.00	1,440	1,856	2,43
U.S	54.934	56,539	59,860	47.00	63.20	83.30	2.582.568	3,575,279	4,986,49

¹ Preliminary.

Table 467.—Sows farrowing and pig crop: Number, United States, 1964-78

	Sows fa	rrowing		Pig crop		1979	Sows fa	rrowing	Pig crop		
Year	Dec May	June- Nov.	Dec May	June - Nov.	Total	Year	Dec May	June - Nov.	Dec May	June- Nov.	Total
1964 1965 1966 1968 1968 1970 1971	Thou- sands 6,596 5,890 6,559 6,659 6,659 7,107 7,237	Thou- sands 5,525 5,006 5,810 5,901 6,130 5,745 6,876 6,339	Thou- sands 47,682 42,526 45,471 48,117 49,077 46,521 52,126 51,918	75ou- sands 39,862 36,415 42,133 43,551 45,079 42,155 49,588 46,006	87,604 91,668 94,156 88,676	1972 1973 1974 1975 1976 1977 1978	Thou- sands 6,498 6,438 6,315 4,973 5,777 6,050 6,015	Thou- sands 5,973 5,869 5,476 4,952 5,850 6,009 6,375	7hou- sands 47,523 46,125 44,792 35,530 42,177 42,960 42,341	Thou- anads 43,051 41,998 38,952 35,656 42,218 43,202 45,840	Thou- sands 90,57 88,12 83,74 71,18 84,38 86,16 88,18

Preliminary.

19781

Table 468.—Hogs and pigs: Number for breeding and market, United States, 1964-78

				M	arket hogs by	y weight gro	upe	
l'ear	All hogs and pigs	Kept for breeding	Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over	Total
				Ju	ne 1			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
	59,777	9,037	26,977	11,480	7,121	3,802	1,360	50,740
******	52,968	7,915	23,468	10,320	6,695	3,437	1,133	45,053
******	56,197	8,752	25,328	10,822	6,718	3,385	1,132	47.445
	59,366	8,988	26,025	11,891	7,371	3,802	1.289	50,378
	60,531	9,252	26,012	11,885	7,779	4,167	1,436	51,279
*****	58,727	9,205	24,021	12,009	7,769	4,346	1,377	49,522
	64,639 65,718	10,630	27,294	12,865	8,050	4,376	1,424	54,009
	60,626	9,748 9,147	26,489	13,828	8,765	5,257	1,631	55,970
	59,571	8,988	24,616 24,332	12,663	8,018	4,757	1,425	51,479
	58,878	8.823	23,654	12,044 12,059	8,136 7,737	4,782	1,289	50,583
	47,860	7,358	18,396	9,914	6.851	4,920	1,685	50,008
	53,930	8,386	21,798	11,160	7,205	4,271 4,365	1,070	40,502
	54,460	8,688	21,558	10,892	7,679		1,014	45,542 45,772
	55,110	8,844	20,884	11,280	7,992		110	46,266
				De	e. 1			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
	56,106	8,166	16,483	12,967	10,152	6,167	2,171	47,940
	50,519	8,224	15,344	11,470	8,690	5,157	1.634	42,295
	57,125	8,862	17,317	12.827	9,955	6,094	2,070	48,263
	58,818	9,186	18,019	13,413	9,857	6,238	2,105	49,632
***	60,829	9,472	18,492	13,926	10,563	6,300	2,076	51,357
	57,046	9,189	17,522	13,004	9,666	5,775	1,890	47,857
	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640
****	62,412	8,475	19,912	14,359	10,835	6,626	2,205	53,937
****	59,017 60,614	8,650	19,303	13,395	10,187	5,783	1,699	50,367
	54,693	8,605 7,389	20,142 17,732	13,715	10,223	6,103	1,826	52,009
	49,267	7,574	16,255	12,495	9,685	5,740	1,652	47,304
			10,255	11,047 12,307	8,049 8,932	4,837 5,292	1,505	41,693
		8.011						
	54,934 56,539	8,011 8,604	18,714 19,424	12,307	9,110		1,678	46,923 47,935

¹ Beginning 1977 the 180-219 pounds and 220 pounds and over weight groups are combined into the 180 pounds and over group.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 469. - Hogs: Number in specified countries, 1977-791

Continent and country	1977	1978	1979 3	Continent and country	1977	1978	19792
North America: Canada Costa Rica Dominican Republic El Salvador Guatemala Honduras Mexico	Thou- sands 6,154 215 753 430 840 525 12,300	Thou- sands 6,648 215 810 435 845 530 12,500	Thou- sands 7,300 226 800 440 849 530 13,000	Europe — Con. Bulgaria Carchoslovakia German Dem. Rep Hungary Poland Romania Yugoslavia	7hou- sands 3,453 6,820 11,291 7,854 16,764 10,192 7,326	Thou- sands 3,400 7,510 11,757 7,850 20,591 9,732 8,452	Thou- sands 3,772 7,601 11,734 8,013 21,500 10,336 9,137
Nicaragua	690 202	710 221	725 226	Total Eastern Europe	63,700	69,292	72,093
United States 3	54,934	56,539	59,860	Total Europe	156,591	166,022	172,990
Total	77,043	79,453	83,956	Soviet Union	63,100	70,500	74,700
South America: Argentina Brazil Chile	4,200 36,800 840	4,200 37,600 957	4,200 36,000 1,050	Africa: South Africa	1,388	1,430	1,450
Colombia Ecuador	1,876	1,915	1,970	Total	1,388	1,430	1,450
Peru Uruguay Venezuela	1,960 346 1,955	1,900 445 2,057	1,920 400 2,168	Asia: China, Taiwan India Iran	3,321 8,932 50	3,330 9,410 55	3,330 9,900 55
Total	50,934	52,269	51,155	Japan Korea, Rep. of	8,132 1,953	8,780	9,750
Europe: Belgium-Luxembourg Denmark	4,902 7,897	5,023 8,234	5,125 9,200	Philippines	5,696 15	1,482 6,910 14	2,083 7,300 15
France	11,509	11,540 21,386	11,500	Total	28,099	29,981	32,433
Ireland	988 9,097 7,314 8,151	998 9,420 8,350 8,100	1,138 9,100 9,300 7,710	Oceania: Australia New Zealand	2,229 536	2,219 539	2,235 530
Total EC	70.447	73.051		Total	2,765	2,758	2,765
,			75,744	Total selected countries	379,920	402,413	419,449
Austria Finland Greece Norway Portugal Spain Sweden Switzerland	3,878 1,146 830 673 2,200 9,009 2,643 2,065	3,694 1,079 936 657 3,300 9,230 2,680 2,103	3,800 1,179 1,000 674 4,100 9,535 2,720 2,145				
Total Western Europe	92,891	96,730	100,897				

¹Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

²Preliminary.

*850 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 470.—Sows farrowing and pig crop: Number, by States, 1977 and 1978

		Sows fa	gaiworn				Pig	crop		
State	19	777	19	78		1977			1978	
	Dec'	June- Nov.	Dec May	June- Nov. 1	Dec May	June- Nov.	Total	Dec May	June- Nov. 1	Total !
Ala	Thou- sands 80 .14	Thou- sands 74 .10	Thou- sands 83 .16	Thou- sands 87 .16	Thou- mands 536 1.00	Thou- mands 540 .70	Thou- sands 1,076 1.70 181	Thou- sands 556 1.10	Thou- sands 609 1.20 120	7hou- sands 1,165 2.3 216
alif	44 15 31 1.1	54 16 33 1 7.5	44 19 37 1.2	54 20 38	94 308 105 223 7.3	383 125 241	691 230 464 14.3	96 308 124 263 8.4	383 160 266 6.1	691 284 529 14.5
la	6.6 30 165 5.8 6.0	7.5 33 162 5.5 5.0	5.0 37 167 5.5 7.0	6.0 36 172 5.3 6.5	47 201 1,137 39 43	55 215 1,138 37 37	102 416 2,275 76	35 241 1,128 37	245 1,200 34	76 486 2,328 71
nd	675 400 1,530 222 127	690 405 1,430 207 133	705 410 1,440 205	715 440 1,480 213	4,618 2,711 11,043 1,655	4,812 2,876 10,296 1,485	9,430 5,587 21,339 3,140	56 4,815 2,831 10,218 1,417	5,005 3,126 10,654 1,513	9,820 5,967 20,872 2,930
laine	15	15 .9 21	126 13 .7 20	138 14 1.2 22	818 110 5.4 133	946 105 5.8 151	1,764 215 11.2 284	784 88 4.6 142	94 7.2 161	1,778 182 11. 303
lich	5.0 76 420 43 457	6.5 72 465 40 455	5.0 78 440 36 430	6.0 84 460 39 505	35 540 3,105 280 3,243	43 482 3,393 280 3,288	78 1,022 6,498 560 6,531	36 546 3,258 248 3,067	41 622 3,391 281 3,635	77 1,168 6,649 529 6,702
ebr	340 1.1 .8 4.8	340 1.0 1.1 3.8	23 355 .9 .8 3.4	21 395 .9 1.0 4.0	143 2,514 7.7 4.9 28	144 2,456 7.5 7.9 21	287 4,970 15.2 12.8	2,564 6.7 5.1	2,865 6.3 7.3	331 5,429 13. 12. 45
Mex Y C Dak	7.0 13 218 34 188	6.0 14 223 28	6.0 13 230 34 178	5.0 15 237 32	48 94 1,542 248 1,275	1,633 207	49 92 201 3,175 455	20 47 100 1,633 255	25 40 117 1,707 230	87 217 3,340 485
hio kia reg	188 35 11 68	188 36 12 66 1.0	178 30 10 62	204 34 12 72	1,275 242 79 524 3.9	1,396 252 90 488	2,671 494 169 1,012	1,213 204 72 453	1,485 235 92 526	2,698 439 164 979
C Duk enn ex	52 190 138 98	51 183 137 92	52 194 143 92	52 190 160 90	348 1,409 966 646	6.5 352 1,335 973 661	10.4 700 2,744 1,939 1,307	5.5 338 1,396 987 615	370 1,356 1,152 641	708 2,751 2,139 1,256
taha a /ash	6.0 .7 55 7.4 6	4.5 .8 50 7.5 6.5	5 58 6 5.7	5.0 .7 55 6.4 5.5	46 5 374 57 43	31 5.7 355 56 49	77 10.7 729 113	34 4.4 400 47 40	36 5.0 385 48 39	70 9. 785 95 79
lis	167	192 3.2	183	215 2.8	1,256 19	1,474	92 2,730 41	1,404 17	1,650 20	3,054
U.S	6,080	6,009	6,015	6,375	42,960	43,202	86,162	42,341	45,840	88,181

¹ Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 471.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1964-78

Year	Market- ings 1	Shipped in for feeding and breeding	Farm slaugh- ter ²	Quantity produced (live weight) ³	Value of produc- tion ³	Cash receipts from sales of hogs, pork, and lard 4	Value of hogs slaughtered for home consump- tion	Gross income 5	Cost of hogs shipped in for feeding and breeding	Average price per 100 pounds received by farmers
	1,000	1,000	1,000	1,000	1,000 dollars	1,000	1,000 dollars	1,000	1,000 dollars	Dollars
964	head 86,086	2,718	head 3,269	pounds 20,216,732	2,988,624	3,033,518	116,089	3,149,607	31,724	14.80
965 4	78,127	2.364	2,678	18,252,141	3,572,557	3,607,520	125,227	3,732,747	35,712	19.60
1966	75,761	2,489	1,375	19,148,989	4.491.765	4,169,060	145,451	4,314,511	46,424	23.50
967	85,256	2.855	1,301	20,636,444	3.940,225	3.809,203	112,061	3,921,254	43,327	19.10
1968	87,726	2,855 3,181	1.262	21,034,221	3.897.369	3,777,013	104,746	3,881,759	50,876	18.54
1969	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	113,315	4,700,280	55,878	22.2
970	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	(1)	22.70
1971	98,644	3,639	1,210	22,832,335	3,990,854	4,045,843	98,553	4,144,396		17.50
1972	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954		25.10
1973	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731		38.40
1974	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161		34.20
1975	73,595	3,806	1,193	16,796,843	7,750,949	7,836,359	268,726	8,105,065		46.10
1976	75,744	4,191	1,175	18,110,651	7,844,358	7,400,479	268,452	7,668,931		43.30
1977	80,917	4,258	1,145	19,124,424	7,536,318	7,257,959	262,577	7,520,536		39.4
1978*	81,266	4,561	1,102	19,557,546	9,111,277	8,715,458	294,780	9,010,238		46.6

<sup>Excludes interfarm sales within a State, but includes animals custom alaughtered for use on farms where produced.
Beginning 1966, excludes custom alaughter for farmers at commercial establishments.
Adjustments made for changes in inventory and for inshipments.
Raceipts from marketings and sales of farm slaughter, excluding interfarm sales within a State.
Cash receipts from sale of hogs, ports, and lard plus value of hogs alaughtered for home consumption.
Beginning 1965, data for 12-month period — December of previous year through November of current year.

Preliminary.</sup>

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 472.- Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1964-781

				Rece	ipts at se	lected pub	lic stock	yards				Direct
Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total markets report- ing 23	in interior Iowa and southern Minne- sota *
1964	Thou-sands 1,801 1,434 1,434 1,434 1,190 965 258 (*)	Thou- sands 577 443 351 324 369 370 217 429 355 (⁵)	Thou- sands 253 230 212 284 289 361 302 180 74 65 80 84 77	Thou-sands 1,060 1,011 1,021 1,263 1,360 1,332 1,262 1,244 1,087 735 897 559 497	Thou- sands 3,445 2,622 2,421 2,673 2,327 1,798 1,876 1,514 1,337 1,478 1,162 1,102	Thou- sands 2,426 2,035 2,007 1,916 1,823 1,644 1,570 1,649 1,452 1,325 1,530 1,226 1,327	Thou- sands 1,899 1,677 1,591 1,636 1,756 1,839 1,917 1,747 1,641 1,790 1,420 1,547	Thou- sands 2,915 2,132 2,430 2,757 2,855 2,734 2,223 2,448 2,056 2,357 2,676 2,140 2,423	Thou- sands 1,983 1,686 1,754 1,860 1,950 1,879 1,923 2,055 1,832 1,772 2,365 1,880 1,975	Thou- sands 12,953 11,140 10,426 10,131 10,172 9,615 8,526 9,777 8,181 7,792 8,255 6,630 7,064	7hou- sands 29,312 24,410 23,856 24,277 24,071 22,454 20,017 21,575 18,298 17,024 19,071 15,101 16,012	Thou-sands 18,063 17,376 18,455 20,437 20,933 20,196 21,211 22,722 20,500 18,853 19,971 16,220 18,199

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

¹Total rail and truck receipts. Saleable receipts 1978 on. ²Rounded total of complete figures. ³The number of stockyards reporting varies from 41 to 68. ⁴Covers receipts at 14 packing plants and 30 concentration yards. ⁵Data no longer reported.

Table 473.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1978¹ (preliminary)

State	Market- ings ²	Shipped in for feeding and breeding	Farm slaughter ³	Quantity produced (live weight)4	Value of production 4	Cash receipts from sales of hogs, pork, and lard ⁵	Value of hogs slaughtered for home consumption	Gross income*
13 123	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	head	head	head	pounds	dollars	dollars	dollars	dollars
Alaska	995	40	40	237,292	107,019	90,868	15,500	106,368
riz	161	1	5	42.941	21.642	18.093	732	18.825
\rk	615	11	25	114,587	52,710	49,957	4,663	54,620
Calif	234	20	20	61,625	29,765	24,966	2,782	27,748
Colo	487	12	9	115,400	53,661	49,017	4,032	53,049
onn	14.8	6	.2	3,231	1,454	1,506	48	1,554
Dei	83 395	5	1	15,554	7,124	7,531	195	7,726
Ja	2.018	87	12 87	91,716 483,167	40,355 212,593	36,275 197,692	1,774	38,049 209,387
lawaii	71	01	3	12,950	7,835	7,947	515	8.462
daho	82	4	2	21,006	9,243	7,773	607	8,380
11	9,208	567	19	2,401,670	1,114,375	1,090,726	7,251	1,097,977
nd	5,861	550	16	1,463,893	679,246	662,894	4,098	666,992
owa	19,672	1,500	50	4,939,147	2,321,399	2,279,883	36,660	2,316,543
Kans	3,014	216	12	696,027	327,133	327,813	6,768	334,581
(y	1,568	50	70	355,012 40,819	164,016	148,602	15,847 3,910	164,449
Maine	166	1	21 0	2,917	17,675 1,313	14,427 828	355	18,337
Md	265	13	10	53,373	24,605	22,358	2.077	24,435
Mass	71		1	17.211	7,745	7,488	304	7,792
Mich	892	43	19	236,376	112,515	96,439	6,105	102.544
Minn	6,315	271	35	1,439,837	672,404	651,061	17,260	668,321
diss	448	4	30	102,119	47,792	42,403	6,571	48,974
do	5,820	8	60	1,302,899	609,757	570,911	21,004	591,915
Mont	336 4,949	50 350	12 20	78,602 1,164,664	35,214 548,557	34,349 515,969	1,581	35,930 526,796
Nev	12.6	.1	.8	2,872	1.410	1,315	136	1.45
N.H	12.0		.5	3,147	1.416	1.231	205	1,43
L.	89	50	4	15,769	6,938	8,424	774	9,196
N. Mex	92	4	3	20,483	9,811	10,007	371	10,378
V.Y	179	2	8	44,946	20,181	17,463	1,818	19,28
N.C	2,964	49	115	700,862	327,303	301,372	23,496	324,86
N. Dak	423	16	16	96,937	43,912	40,951	2,981	43,93
Ohio	2,451 427	30	12	581,030 99,716	275,989 46,169	270,236 41,832	5,414 5,750	275,656 47,58
Oreg	151	1	5	32,970	15,265	14,266	1.146	15,413
Pa	757		62	191,429	88,632	72,931	13,434	86.36
R.I	10.0	1	.1	2,858	1,286	1,224	26	1,25
3.C	618		30	154,845	69,835	63,873	5,501	69,37
S. Dak	2,662	99	8	584,541	277,072	276,001	2,730	278,73
Tenn	1,821	92	90	399,119	186,389	164,059	18,914	182,97
Tex	1,240	14	30	316,258	138,521	137,301	4,573	141,87
Utah	9.1	2	2.6	14,791 2,882	1,297	5,880 1,150	464 246	6,34 1,39
Va	717	107	50	168,249	76,553	68,723	9.828	78.55
Wash	84	100	111	20,597	9,969	8.410	2.060	10.47
W. Va	68	5	17	25,951	11,782	9,412	2,919	12,33
Wis	2,630	33	35	574,389	263,645	237,598	8,388	245,98
Wyo	40	6	2	8,504	3,810	3,803	430	4,23
U.S	81.266	4,561	1,102	19,557,546	9.111.277	8,715,458	294,780	9.010.23

<sup>Balance sheet estimates by States; the sum of inventory December 1, 1977. Pig crop and inshipments are equal to the sum of marketings, farm slaughter, deaths and inventory December 1, 1978.

Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales within the State.

Excludes custom slaughter for farmers at commercial establishments.

Adjustments made for changes in inventory and for inshipments.

Receipts from marketing and sales of farm-slaughtered meat, excluding interfarm sales within the States.

Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.</sup>

Table 474. - Hogs: Number slaughtered, United States, 1964-78

	C	ommerci	al				C	ommerci	al	10	
Year	Feder- ally in- spected	Other	Total 3	Farm	Total	Year	Feder- ally in- spected	Other	Total i	Farm	Total
1964	Thou- sands 71,667 63,708 63,729 70,915 74,789 75,682 78,187 86,667	Thou-sands 11,352 10,076 10,282 11,209 10,371 8,156 7,630 7,771	Thou-sands 83,018 73,784 74,011 82,124 85,160 83,838 85,817 94,438	Thou- sands 3,266 2,678 1,375 1,301 1,262 1,134 1,235 1,210	Thou- sands 86,284 76,462 75,386 83,425 86,422 84,972 87,052 95,648	1972 1973 1974 1975 1976 1977	Thou- sands 78,759 72,264 77,071 64,926 70,454 74,019 74,139	Thou- sands 5,948 4,531 4,691 3,761 3,330 3,285 3,176	Thou- sands 84,707 76,795 81,762 88,687 73,784 77,303 77,315	Thou- sands 1,158 1,095 1,321 1,193 1,175 1,139 1,102	Thou- sands 85,861 77,896 83,085 69,886 74,956 78,441 78,417

[‡]Totals are based on unrounded numbers. ²Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 475.—Hogs: Number slaughtered commercially, total and average live weight, by States, 19781

State	Number slaugh- tered	Total live weight	Average live weight	State	Number slaugh- tered	Total live weight	Average live weight
Ala Aris Aris Aris Colo Del. and Md Pla Ga Hawaii IIII Ind Iowa Kans Ky La Minn Minn Minn Minn Moo Moot	Thou- sands 565.5 182.4 1,622.8 1,622.8 202.4 1,692.1 47.7 2,963.3 1,150.6 1,873.9 2,99.6 4,262.4 5,111.3 1,319.3 2,795.9 343.0	1,000 pounds 153,917 41,778 42,863 373,884 110,892 77,555 44,882 379,900 379,900 379,900 47,912,942 271,736 462,944 47,918 1,012,861 1,0	Pounds 272 229 235 230 1 229 222 231 245 246 247 229 238 232 232 220 220 220 220 220 220 220 220	N.J N. Mex N.Y N.C N. Dak Obio Okia Orag Pa S.C S. Dak Tenn Tex Utah Va Wash W. Va Wis Wyo N. Eng. 2	Thou- sands 219.8 29.2 309.3 1,932.3 3,870.7 799.3 156.2 2,922.2 382.6 2,619.3 2,397.1 99.1 2,777.0 538.5 2,747.2 10.5 44.7	1,000 pounds 49,268 6,716 70,827 431,778 4,811 857,959 195,429 33,196 659,314 91,336 628,890 588,919 273,775 23,006 639,277 123,752 10,126 636,385 2,586 11,094	Pounds 224 223 223 224 244 211 225 236 244 244 246 246 246 246 246 246 246 24
Nebr	3,749.5	837,972 879	223	U.S	77,315.2	18,554,938	240

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals alaughtered on farms.

Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska.

² Includes Connecticut, Maine, Masachusetts, New Hampshire, Rhode Island, and Vermont.

Table 476.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1964-781

		-		Fede	rally insp	ected -				C	ommerci	al
Year	Barrows	and gilts	Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight ²	Avg. live weight	Number head	Avg. dressed weight ²	Avg. live weight
	Thou-		Thou-		Thou-		Thou-			Thou-		
1964	65.435	Pounds	5,702	Pounds	sands 529	Pounds	sands 71,667	Pounds 146	Pounds 243	sands 83,018	Pounds 145	Pounds 241
1965	58,576		4,739		392		63,708	147	240	73,784	146	238
1966	58,383		5,055 5,157		291		63,729	152	244	74,011	151	243
1967	65,444		5,157		314		70,915	152	242	82,124	151	241 236 236 240
1968	69,484	****	4,929	****	377		74,789	151	240	85,160	151	239
1969	70,119		4,961	****	610		75,682	153	240	83,838	152	236
1970	72,647	****	5,015	****	525		78,187	155	241	85,817	154	240
1971 1972	80,557 73,419		5,372	****	738 695	****	86,667	156	240	94,438	155	236 236 241 241
1973	67.321	****	4,646	****	742	****	78,759 72,264	160 164	240 242	84,707 76,795	159 164	231
1974	71,048	::::	5,319		704	****	77,071	167	345	81,762	166	24
1975	60,761		3,582	****	586	****	64,926	166	240	68,687	165	240
1976	66,512		3,399		548		70,454	167	238	73,784	166	230
1977	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	230 237 240
1978	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	24

¹ All weights calculated using unrounded totals.
² 1964 - 76 shipper style, 1977 - 78 packer style.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 477.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1964-78

			of corn ushel ²		Hog-corn price ratio		Price of corn per bushel ²		
Year	United States	North Central States	United States	North Central States	Year	United States	North Central States	United States	North Central States
1964	13.1 17.7 18.5 16.3 3 17.9 19.8 19.1 14.0	13.2 18.0 18.7 16.5 3 18.3 20.2 19.4 14.3	Dollars 1.13 1.18 1.25 1.17 1.04 1.13 1.23 1.27	Dollars 1.12 1.16 1.23 1.16 1.02 1.11 1.21 1.25	1972 1973 1974 1975 1976 1977 1978	22.1 21.7 12.2 17.1 17.5 19.8 22.4	22.5 22.2 12.2 17.2 17.6 20.0 22.7	Dollars 1.17 1.89 2.92 2.70 2.49 2.03 2.10	Dollars 1.1 1.8 2.9 2.6 2.4 2.0 2.0

Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices
received by farmers for hogs and corn. Annual average is a simple average of monthly ratios.
 Average of midmonth weighted prices.
 Beginning 1968, marketing year average December through November.

Table 478.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1964-78

			Omaha				Se	ven marke	to 1	
Year	Barrows	rrows and gilts		Sows		Barrows	and gilts	Se	W3	Number of sows
1441	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	percent- age of all pur- chases	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	percent- age of all pur- chases
1964	Pounds 239 236 239 240 238 235 240 237 237 237 241 240 237 241 240 237 239	Dollars 15.24 20.99 23.25 19.17 19.01 23.55 21.75 18.24 26.36 39.83 34.65 47.93 42.60 40.65 48.29	Pounds 432 433 441 450 444 443 449 447 4461 458 447 449 457 469 460	Dollars 12.88 18.96 19.75 16.12 20.67 17.74 15.43 23.11 35.59 29.78 43.67 36.09 36.20 43.36	Percent 12 13 13 13 13 13 13 12 12 12 13 14 12 13 14 15	Pounds 234 232 236 237 235 234 237 237 241 238 236 234 237 241 238 236 234 237	Dollars 15.31 21.30 23.49 19.37 19.19 23.71 21.95 28.67 40.27 35.12 48.32 43.11 41.07 48.49	Pounds 422 424 432 437 436 439 434 447 445 436 439 434 457 445	Dollars 12.84 19.03 19.77 16.43 16.20 20.76 17.83 15.54 23.26 35.94 29.92 43.65 35.92 36.01 43.23	Percent 11 12 12 12 12 12 12 12 12 12 12 12 12

¹Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

Table 479.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1964-78

Year	Loins, fresh, 8- to 14- lb. average 1	Butts, Boston style, 4 to 8- lb. average	Hams, smoked, skinned, 14- to 17- lb. average	Bacon, smoked, slab, 8- to 12- lb. average	Year	Loins, fresh, 8- to 14- lb. average 1	Butta, Boston style, 4- to 8- lb. average	Hams, smoked, skinned, 14- to 17- ib. average ²	lb.
1964	Dollars 44.33 53.23 56.94 51.53 50.90 57.47 56.86 49.85	Dollars 33.44 43.05 46.16 40.91 40.31 48.73 43.43 39.35	Dollars 42.66 50.56 54.29 49.76 48.11 54.19 51.68 48.85		1972	Dollars 64.46 81.91 78.56 99.28 97.68 95.25 109.15	Dollars 52.26 71.08 61.98 86.44 81.13 75.98 71.77	Dollars 56.97 	Dollars 46.70 52.14

¹ Prior to June 1967, 8-12 pounds. ² Delete word "smoked" after 1974.

Agricultural Marketing Service.

Table 480.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1964-78

			Suj	oply			Disposition					
		Prode	ection				Exports and shipments			Domestic disappearance		
Year	Feder-	Other			Stocks Jan. 11	Total ²		Ship-		Total	Direct use	
	ally in- spected	com- mercial	Farm	Total			Exporta	menta	Total		Total	Per civilian
1964 . 1965 .	Million pounds 2,153 1.772	Million pounds 235 208	Million pounds 85 65	Million pounds 2,473 2,045	Million pounds 119 127	Million pounds 2,592 2,172	Million pounds 682 251	Million pounds 64 75	Million pounds 747 325	Million pounds 1,716 1,785	Million pounds 1,193 1,225	Pounds 6. 6.
1966 . 1967 . 1968 .	1,696 1,835 1,862 1,755	202 209 170 124	32 32 30 25	1,929 2,076 2,062 1,904	62 100 151 94	1,991 2,176 2,213 1,998	158 189 175 262	63 58 58 67	220 247 234 329	1,670 1,778 1,886 1,599	1,071 1,055 1,106 1,011	5. 5. 5. 5.
970 . 971 . 972 . 973 .	1,776 1,830 1,464 1,181	112 106 77	25 25 24 18 18	1,913 1,960 1,559 1,254	70 82 100 51	1,983 2,042 1,659 1,305	366 282 164 113	53 62 25 8	419 345 189 121	1,482 1,598 1,419 1,139	939 880 787 705	4
974 . 975 . 976 . 977 .	1,286 956 1,010 1,022 991	55 58 39 33	22 17 17 17	1,366 1,012 1,060 1,039 991	44 36 28 34 29	1,410 1,048 1,088 1,073 1,020	161 88 181 182	21 56 54 47 423	182 144 235 229	1,192 876 820 796	681 632 585 500	3 3 3 3 2 2 2

¹ Factory and warehouse stocks as reported by the Bureau of the Census. ² Includes imports, which were less than 500,000 pounds. ⁸ Preliminary. ⁸ Based on six months of data.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

Table 481.—Lard, including rendered pork fat: United States exports by country of destination, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Belize Canada Haiti Mexico Netherlands Antilles Bahamas	Metric tons 1,435 17,031 1,285 28,069 118	Metric tons 1,279 20,140 1,236 31,131 235	Metric tons 1,427 19,547 931 26,791 267 620	Europe: Belgium and Luxembourg Netherlands United Kingdom Other countries	Metric tons 4,051 8,425 29,694 2,347 44,517	Metric tons 11,326 12,240 21,709 3,800 49,075	Metric tons 1,447 4,883 7,242 855
Other countries	164	147	625	1004	44,011	40,010	14,461
Total	48,105	54,176	50,208	Africa	31 4,276	1,662	23 3,202
South America:				Oceania			
Colombia	4,301 15,962 56	25,365 20,948 1,224	15,489 16,439 685	Grand total ³	117,250	152,449	100,558
Total	20,319	47,537	32,613				

¹ Preliminary. ² May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 482.—Sheep and lambs: Number and value, United States, Jan. 1, 1964-79

		Val	lue	w		Val	Value	
Year	Number	Per head	Total	Year	Number	Per head	Total	
1964	Thousands 27,116 25,127 24,734 23,953 22,223 21,350 20,423 19,731	Dollars 14.10 16.00 19.80 19.80 19.20 22.00 25.10 23.60	1,000 dollars 382,614 401,044 490,686 473,216 427,216 470,709 512,737 465,418	1972 1973 1974 1975 1976 1977 1977 1978	Thousands 18,739 17,641 16,310 14,515 13,311 12,766 12,348 12,224	Dollars 22.90 26.70 32.80 30.50 37.30 42.40 51.50 71.70	1,000 dollars 428,861 470,833 534,766 442,491 496,291 541,456 636,086 876,246	

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 483.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1964-79

		15			Stock sheep		
Year	All sheep and	nd and		Las	mbe	1 year and over	
	lambs	on feed	Total	Ewes	Wethers and rams	Ewes	Wethers and rams
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1964	000 110	3,661	23,455	3,089	714	18,723	929
1965		3,284	21,843	2,801	650	17,502	890
1966		3,278	21,456	3,010	760	16,850	836
1967		3,276	20,677	2,959	688 569	16,230	796
1968		3,115	19,108	2,546	569	15,290	70
1969		2,995	18,355	2,473	501	14,707	67
1970	20,423	2,990	17,433	2,422	475	13,923	613
1971		2,785	16,946	2,280	463	13,609	59-
1972	. 18,739	2,894 2,873	15,845	1,974	402	12,909	564
1973		2,873	14,768	1,883	354	12,049	483
1974		2,625	13,685	1,804	359	11,058	46
1975		2,079	12,436	1,510	404	10,083	437
1976		1,884	11,427	1,345	350	9,314	410
1977		1,731	11,035	1,407	380	8,886	363
1978	. 12,348	1,623	10,725	1,489	326	8,540	370
19791	. 12,224	1,567	10,657	1,667	369	8,243	37

¹ Preliminary.

Table 484.—Stock sheep: Number, by classes, by States, Jan. 1, 1978 and 1979

		Lan	nbs			One year	and over	
State	Ew	**	Wethers	and rams	Ew	es	Wethers a	and ram
7060	1978	19791	1978	19791	1978	19791	1978	1979
	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	head	head	head	head	head	head	head	head
	0.5	(2)	0.5	(2)	2.5	(2)	0.2	(2)
aska	.5	0.5	.5	0.4	3	2.9	2.2	1
	50	48	20	33	296	288	12	11
k	.8	(2)	A	(2)	3.4	(2)	.3	(3)
lif	88	85	20	16	780	838	27	26
0	53	64	6	6	380	393	ii	11
nn	.7	.8	.2	.2	3.9	3.8		14
	.3	(2).0	.1	(2) .2			.3	480
			.1	(2)	1.2	(2)	.1	(2)
	.6	(2)	.4	(2)	27	(2)	.3	(2)
	4	(2)	.2	(2)	2.3	(2)	.3	(2)
ho	79	73	7 7	6	376	369	8	
* * * * * * * * * * * * * * * * * * * *	23 22	25	7	8	129	127	8	
	22	23	6	6	130	124	7	1
m	39	64 13	10	21	240	220	11	15
ns	12	13	6	7	117	125	5	-
	4	9		1	22	18	1	- 3
*************	9	9	1 1	i	9	9	i	1
ine			1 1	i	8			
	2 2 3	2 2 2 3	1			8	1	1
		3	1_	1	14	14	1	1
	1.1	1	.5	.3	4.7	4.9	.5	
ch	13	14	3	3	88	75	4	1
nn	30	38	6	- 8	160	160	7	
	.7	(2)	A	(2)	3.1	(8)	.3	(2)
	15	19	5	6	88	83	4	- 4
int	88	111	13	9	356	324	13	1
br	15	17	4	4	129	76	4	- 1
v	15	15	i	i	92	89	2	3
H	1.3	1.3		* 4	5	4.8		4
J	1.2	1.3	.3	.8	6.7		4 6	
Mex	76	92				6.9		-
Y	8		9	8	437	432	24	2
		10	3_	9	45	42	2	1
C	1	.9	.7	.5	6.6	. 5	.7	
Dak	28	32	. 5	8	126	115	6	
io	37	36	11	10	253	236	9	- 1
la	7	12	3	3	55	57	3	- 1
og	42	68	8	11	250	260	10	1
**************	10	11	5	4	60	55	5	1
	.2	(2)	.1	(2)	1.6	(2)	.1	(2)
	.2	(2)	1	(2)	.9	(2)	.1	(2)
Dak	113	124	19	21	523	534	15	1
nn	2	2	1	1	11	9	1	
K	310	355	95	108	1.800	1.667	3 105	412
ah	53	59	5	5	401	388		
	1.3						11	16
		1.4	.6	.6	5.6	5.6	.4	
	22	21	9	9	136	125	5	- 1
ash	9	11	2	3	42	39	3	1
Va	16	16	6	6	96	88	5	1
	12	17	1	2	58	63	2	
yo	180	176	20	20	780	759	30	3
				-			-	_
U.S	1.488.8	1.667.2	325.7	369.2	8,540.2	8,242.9	369,8	37

¹ Preliminary. ² Estimates discontinued. ³ 25,000 wethers and 80,000 rams. ⁴ 32,000 wethers and 88,000 rams.

Table 485.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1977-79

		Stock sheep		8	heep on feed	
State	1977	1978	19791	1977	1978	19791
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala	3.6	3.7	(3)		*******	*******
Alaska	6.5	6.2	5.5		*******	
Ariz	374	378	380	116	60	8
Ark	5.1	4.9	(3)		*******	
alif	900	915	965	213	200	18
Colo	500	450	475	330	360	32
onn	5.4	5.1 1.7	5.1	******	******	
Del	1.9	1.7	(9)	******	******	*******
Ga	3.7	3.2	(9)	******	******	******
daho	490	470	456	13	11	1
11	162	167	167	18	17	i
nd	175	165	160	12	ii	i
owa	318	300	320	12 70	70	
Kans	140	140	150	33	65	6 8
Ку	30	28	22			
A	13	13	13			*******
Maine	11	12	12			
Md	18	19	19	*******	*******	*******
Mase	6.7	6.8	6.7		*******	
Mich	115	108	95	34	30	1
Minn	210	203	210	65	52	4
Mion	5.4	4.5	(8)	******	*******	*******
Mo	115	112	112	19	19	
Mont	490	470 152	455 100	90	60 85	
Nebr	100	110	107	13	4	
	6.5	7	6.9	10		
N.H	8.3	9.2	9.6	*******		*******
N. Mex	536	546	555	24	25	*******
N.Y	60	58	63	9	8	(9)
V.C	9	9	7			
N. Dak	174	165	160	62	48	
Ohio	380	310	290	65	60	1
Okla	59	68	75	13	13	1
Oreg	310	310	350	85	100	1
	100	80	75	*******		
LI	2.1	2	(3)	*******	*******	******
3.C	1.3	1.3	(9)	*******	*******	*******
3. Dak	625	670	696	34	34	
Tenn	17	15	13	100	180	*******
Tex	2,360	2,310	2,250	160	150	16
UtahVt	560 7.1	470	462	20	21	
VtVa	164	172	160	*******	******	
Wash	64	56	56	10	6	(3)
W. Va	125	123	115	10		
Wie	72	73	85	8	9	
Wyo	1.071	1.010	985	135	105	1
		-			-	
U.S	11.035	10,725	10.657	1.731	1.623	1.54

¹ Preliminary.
²Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcase that will grade Good or better.
§ Estimates discontinued.

Table 486. - Sheep: Number in specified countries, 1977-791

Continent and country	1977	1978	19793	Continent and country	1977	1978	19792
North America: Canada Dominican Republic El Salvador Guatemala Honduras Mexico United States ³	7hou- sands 408 27 4 510 5 5,000 12,766	7hou- sands 383 27 4 500 5 4,900 12,348	Thou- sands 410 27 4 500 5 4,900 12,224	Europe — Con. Bulgaria Caechoslovakia German Dem. Rep Hungary Poland Romania Yugoslavia	7hou- sands 9,725 797 1,870 2,350 3,018 14,327 7,484	Thou- sands 9,845 732 1,869 2,485 3,593 14,000 7,514	7hou- sands 10,105 865 1,965 2,620 3,900 14,000 7,574
Total	18,720	18,167	18,070	Total Eastern Europe	39,571	40,038	41,029
South America: Argentina	37,500	37.200	37.000	Total Europe	112,961	114,406	116,696
Brazil	17,200 5,700	17,200 5,792	18,000 5,800	Soviet Union	139,800	141,000	143,100
Colombia Ecuador Peru	2,138 2,193 14,500	2,255 2,241 14,000	2,368 2,282 14,000	Africa: South Africa	32,648	32,800	33,055
Uruguay Venezuela	16,636 275	18,854	20,690	Total	32,648	32,800	33,055
Total	96,142	97,836	100,454	Asia: China, Taiwan India	40.352	40,700	41.000
Europe: Belgium-Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy	82 56 11,046 1,091 2,582 8,445	84 55 11,255 1,135 2,526 8,694	85 55 11,450 1,195 2,441 9,000	Iran Israel Japan Korea, Rep. of Philippines Turkey	33,500 225 11 7 2	33,600 208 11 7 2 42,706	33,600 189 11 7 2 43,500
Netherlands United Kingdom	800 19,880	841 20,504	845 21.320	Total	115,602	117,235	118,310
Total EC	43,982	45,094	46,391	Oceania: Australia New Zealand	135,360 59,105	131,442 60,300	135,839 61,500
Austria	174 55 8.135	181 70	185 70	Total	194,465	191,742	197,339
Greece Norway Portugal Spain Sweden Switzerland	8,135 860 3,840 15,589 387 368	8,064 890 3,842 15,463 385 379	8,100 915 3,842 15,400 384 380	Total selected countries	710,338	713,186	727,024
Total Western Europe	73,390	74,368	75,667				

¹Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

Preliminary.

³50 States.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 487.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1976-781

	19	76	19	77	197	182
State	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
pro recent runs and	Thousands	Percent	Thousands	Percent	Thousands	Percent
Ma	2.6	100	2.6	108	(3)	(3)
laska	.6	11 71	1	32	0.9	- ^ -
riz	203	106	200	67 123	(3)	(3)
alif	738	91	700	91	694	(-)
olo	465	103	452	106	429	3
onn	4.4	119	4.4	110	4.5	1
el	1.4	108	1.3 2.5	93 81	(a) (a)	(3)
a	1.6	73	1.7	71	(3)	(3)
aho	529	115	491	117	421	1
	148	113	139	111	141	1
dwa	146 290	112 112	154 292	114 112	147 259	1
ans	120	107	126	110	124	1
y	34	131	28	117	24	1
	7.7	89	9 8	100	8	
ained	16	110	15	114 107	9	
	5.6	106	5.7	116	5.3	1
ich	99	111	103	113	103	1
inn	237	117	214	124	200	
iss	3.7 112	93 115	3.5	95 123	106	(3)
ont	420	101	375	101	349	
ebr	110	110	100	120	110	
ev	102	92	96	96	88	
J	5.2 6.8	106 113	5.7 7.3	119 122	6.1 7.8	
Mex	345	76	322	75	323	
Y	53	108	52	- 111	50	
C	7.4	106	6.8	105	6.4	
hio	163 318	114	170 324	123 107	152 264	
kla	57	104	54 279	110	60	1
reg	319	119		113	288	1
1	96	105	78	104	62	195
C	1.1	55 89	1.3	81 89	(3)	(3)
Dak	684	124	653	128	668	(-)
mn	14	93	12	92	11	
×	1,400	74 90	1,450 428	78	1,242	
tah	433	118	6.2	90 122	377 6.7	
	157	123	155	120	160	1
ash	70	121	53	106	50	
is	103 75	112	111	112	108 78	
/is	763	86	79 718	86	647	1
U.S	8,888.3	95	8,606.1	97	8.019.7	

¹ Lamb crop defined as lambs born in the native States, and lambs docked or branded in the Western States. ² Preliminary. ³ Estimates discontinued.

Table 488.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1964-78

	- 100	1000	Marke	tings 2	Shipp	ed in	Farm sl	aughter	
	Year	Lamb crop ¹	Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding 3	Sheep	Lambs 34	
		1,000 head	1,000 head	1.000 bead	1,000 head	1,000 head	1.000 head	1.000 head	
1964		16,994	3,437	16,757	735	4,838	107	196	
1965		16.312	2,454	15.213		5,165		20	
1966		15,881	2,785	14.674		4,679		26	
1967		15.017	2.911	13,993		4,030		29 26 24 23	
1968		14.443	2,298	13,448		4,035		91	
969		13,723	2,282	12,873		4,119		91	
970		13,465	1,983	12,840		4,032	******	24	
971		12,998	2.202	12,627		4,004	110000000000000000000000000000000000000	91	
1972		12.599	2,170	12,383		3,976	******	90	
973		11.500	2,198	10,879		3,275		23 24 23 22 20 20 21	
974		10,509	2,172	9,888		2,629		91	
975		9,857	1,771	8,997		2.343		21	
976		8,888	1.445	8,071		2,466	*******	15	
977		8,606	1.504	7,408	********	2,173	******	15	
978		8.020	1,464	6,594		2,173	*******	17	

	Venr produced of		produc-	Cash receipts for sales of sheep, lambs.	Value of sheep and lambs slaughtered for home	Gross income s	Cost of sheep and lambs shipped in for	Average per 100 recei by far	pounds ved
		weight)*	tion*	and mutton and lamb?			feeding and breeding	Sheep	Lambs
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977		1,000 pounds 1,330,507 1,217,139 1,249,997 1,153,596 1,166,190 1,066,074 1,099,385 1,070,502 1,004,102 896,776 896,776 896,756 781,120 732,765 703,942 698,517	1,000 dollars 235,756 257,160 261,185 231,020 256,616 266,856 260,373 250,159 271,434 293,732 272,048 303,423 314,919 321,057 390,286	1,000 dollars 318,176 328,609 333,624 301,660 343,431 333,746 322,982 353,803 389,585 368,747 385,210 391,672 390,503 461,435	1,000 dollars 3,407 3,965 4,525 4,212 4,559 5,556 5,691 5,399 5,725 6,895 7,870 8,473 9,905 9,905	1,000 dollars 321,583 332,474 338,149 305,872 319,739 348,967 339,437 328,381 359,528 396,480 376,617 393,683 400,728 400,408 472,665	1,000 dollars 69,665 73,633 71,324 54,882 60,561 73,192 (*)	Dollars 6.00 6.34 6.84 6.58 6.58 8.10 7.52 6.56 7.26 11.20 11.30 13.20 13.40 21.70	Dallars 19.90 22.80 23.40 22.10 24.40 27.20 26.40 25.90 29.10 35.10 42.10 46.90 51.30 62.70

¹Lambs born in the Native States, and lambs docked or branded in the Western States. ²Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. ³Beginning 1965, salesp and lambs combined. ⁴Beginning 1966, excludes custom slaughter. ⁵Preliminary. ⁵Adjustments made for changes in inventory and for inshipments. ⁷Receipts from marketings and sale of farm-slaughtered meat. ⁶Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. ⁹Discontinued.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 489.—Sheep and lambs: Average price per 100 pounds at Omaha, 1964-781

Year		Sheep		Lambs			Year	Sheep			Lambs		
beginning May	May- Nov.	Dec Apr.	May- Apr.	May- Nov.	Dec Apr.	May- Apr.	beginning May	May- Nov.	Dec Apr.	May- Apr.	May- Nov.	Dec Apr.	May -
1964	Dol. 4.88 4.89 5.72 5.82 5.84 7.86 7.07 5.04	Dol. 5.20 6.22 5.80 5.94 7.78 8.05 5.80 4.93	Del. 5.01 6.03 6.91 5.86 6.65 7.94 6.54 4.99	Dol. 21.29 23.88 23.14 24.80 27.07 28.97 27.55 28.16	Del. 22.82 26.20 21.79 25.20 27.50 27.98 26.03 28.48	Dol. 21.93 24.85 27.10 24.97 27.25 28.55 26.92 28.29	1972 1973 1974 1975 1976 1977 1978	Del. 6.16 11.96 6.98 8.75 9.95 10.82 16.61	Dol. 8.40 13.81 7.80 11.92 11.83 13.75 21.50	Dol. 7.09 12.64 7.32 10.07 10.78 12.04 17.69	Dol. 30.80 36.41 40.46 45.14 45.39 53.30 61.68	Dol. 35.47 38.70 42.10 51.44 50.50 64.43 68.15	Dol. 32.77 37.37 41.14 47.77 47.55 57.9 64.3

See footnotes on page 330.

Table 490.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1978 (preliminary)

	Marke	etings 1				M	Cash receipts	Value of sheep and	
State	Sheep	Lambs	Shipped in	Slaughter on farms ²	Quantity produced (live weight) ³	Value of produc- tion ³	from sales of sheep, lambs, and mutton and lamb ⁴	lambs slaugh- tered for home consump- tion	Gross income s
Ala.6	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alaska	48	139	90	0.6 52	(⁷) 21,210	10,768	9,680	2,372	12,052
Calif Colo Conn	43 45 .7	741 1,004 2.5	266 733	14 6 .5	74,629 69,998 264	42,090 42,963 183	50,264 75,492 122	1,049 453 59	51,313 75,945 181
Del. ⁶ Fla. ⁶	*****		*****	******	******				******
Ga. ⁶ Idaho III Ind Iowa Kans Ky La Maine Md Mass Mich Minn	69 23 13 30 7 8 2.0 2.0 3 1.0 20 33	364 105 89 210 171 16 2.0 3.0 9 2.9 78 149	79 18 1 68 84 2	5 2 2 2 2 1 1 1.0 2.0 1 5	38,264 12,501 8,865 21,597 13,512 1,835 425 622 1,240 340 8,045 17,953	20,221 5,933 4,546 12,334 7,654 821 180 371 564 212 4,801 10,297	23,434 6,227 4,421 14,058 10,524 935 121 115 488 159 5,320 10,777	376 335 248 219 89 88 59 256 77 67 83 192	23,810 6,562 4,669 14,277 10,613 1,023 180 371 5665 226 5,403 10,969
Mins. 6 Mo Mont Nebr Nev N.H N.J N.H N.J N.C N. Dak Ohio Okia Orea Fa S. Dak Tenn	14 84 75 6 1.3 1.1 71 7 2.7 32 58 9 6 10	65 208 141 115 3.0 3.6 141 32 32 113 190 48 196 37	3 41 88 68 68 110 4 19 6 18 39	3 3 6 4 33 3 6 1 2	7,470 21,756 9,234 7,260 391 522 14,350 3,147 7,373 11,899 20,717 5,171 24,443 3,956 61,502 544	4,023 11,651 5,928 4,086 253 231 9,924 1,809 153 6,659 11,111 2,757 13,970 2,546	3,987 15,340 10,842 6,432 174 163 9,740 1,746 7,527 11,836 2,858 12,576 2,499	240 232 97 134 80 52 1,306 240 38 129 123 501 179	4,227 15,572 10,939 6,566 254 215 11,046 1,986 214 7,656 11,959 2,858 13,077 2,678
Tex Utah Vt Va Wash W. Va Wis Wyo	392 23 1.5 27 1 22 1 189	743 273 3.1 109 39 67 52 406	140 30 5 10 1 6 94	2 6 .8 2 4 1 1 4	105,395 28,550 502 12,519 3,358 7,902 6,567 49,689	57,101 16,732 310 6,697 2,217 3,983 3,457 27,132	62,890 17,456 195 6,936 2,638 4,158 2,905 30,254	104 347 109 183 246 63 204 330	62,994 17,803 304 7,119 2,884 4,221 3,109 30,584
U.S	1.464	6,594	2.147	174	698,517	390,286	461,435	11,230	472,665

Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the

AAACCODEGEHERKKLMMMNNN

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 489

<sup>Includes animals custom staugntered for the body at commercial establishments.

Excludes animals custom slaughtered for farmers at commercial establishments.

Adjustments made for changes in inventory and for inshipments.

Receipts from marketings and sale of farm-slaughtered meat.

Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

Extractly a substance of the sales of sheep is the sales of sheep resulted in a deficit in number of pounds produced.</sup>

¹Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 491.—Sheep and lambs: Receipts at selected public stockyards, 1964-781

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets report- ing 23
1964 1965 1967 1967 1968 1969 1970 1971 1972 1973 1974 1975 1977 1977 1977	Thou- aands 153 136 137 172 167 60 24 46	Thou-sands 1,163 989 758 488 302 191 137 104 9 (*)	Thou-sands 619 489 424 393 351 144 17 12 10 7 5 4 2	Thou-sands 507 438 411 206 165 118 69 55 43 366 29 22 19 14 12	Thou-sands 567 424 401 370 236 160 134 123 111 97 88 81 76 73 51	Thou- sands 164 121 111 96 90 81 86 77 60 41 35 29 28 25 22	7hou-sands 330 203 226 215 257 277 253 83 67 52 41 36 36	Thou- aands 804 616 625 589 491 333 228 243 224 7218 165 126	Thou-sands 362 310 302 250 195 171 153 104 107 102 98 81 55 47 29	Thousands 2,924 2,443 3,029 2,729 2,574 2,309 2,155 1,931 1,895 1,779 1,679 1,325 1,325 1,325	Thou-sands 7,594 6,164 6,42 5,67; 4,97; 4,25 3,69; 2,55; 2,37; 2,25; 1,90; 1,70; 1,61; 1,25;

¹Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.

²Rounded totals of complete figures.

³The number of stockyards reporting varies from 41 to 68.

⁴Market closed Aug. 1, 1971.

⁵Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 492.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 19781

State	Number slaugh- tered	Total live weight	Average live weight	State	Number slaugh- tered	Total live weight	Average live weight
Ala Aris Aris Ark Calif Colo Del. and Md Fia Ga Iddaho III Ind Iowa Kans Ky La Mich Minn Mo Mont Nebr Nev	Thousands 0.2 1.3 1.029.8 1.388.7 33.3 4 4.5 321.8 224.5 321.8 325.0 11.7 294.3 250.0 1.7 22 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.	1,000 pounds 134 134 116,603 182,904 3,402 26 117 497 35,786 593 26,002 452 1,188 32,145 334 32,145 180 217 180 229	Pounds 777 103 107 113 117 102 71 100 110 111 82 107 113 102 91 109 116 97 108 108 108 108 108 108 108	N. Mex N.Y N.C N. Duk Ohio Okla Oreg Pa S.C S. Duk Tenn Tex Utah Va Wash W.Va Wis Wyo N. Eng2 U.S U.S	Thou-sands 82.5 43.1 .8 .6 .6 27.1 21.1 26.4 120.3 .2 291.8 24.0 31.7 779.6 5.2 1.7 12.8 5.368.9	7,000 pounds 9,876 4,068 74 655 2,892 2211 2,774 11,998 88,341 2,707 316 25,703 208 1,099 601,284	Pounds 9 9 10 9 10 10 10 10 10 10 10 11 11 10 11 10 12 8

¹Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms.

Average live weight is based on unrounded numbers.

Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Table 493.—Sheep and lambs: Number slaughtered, United States, 1964-78

	C	ommerci	al				C	ommerci	al		
Year	Feder- ally in- spected	Other	Total 1	Farm	Total	Year .	Feder- ally in- spected	Other	Total 1	Parm	Total
1964	Thou- sands 12,947 11,710 11,553 11,516 10,888 10,070 10,010 10,256	Thou- aands 1,647 1,297 1,184 1,275 996 621 542 473	Thou- sands 14,595 13,006 12,737 12,791 11,884 10,691 10,552 10,729	Thou- sands 300 294 268 245 237 233 249 236	Thou- sands 14,895 13,300 13,005 13,036 12,121 10,924 10,801 10,965	1972 1973 1974 1975 1976 1977	Thou- sands 9,905 9,234 8,556 7,552 6,474 6,133 5,169	Thou- aands 396 363 291 283 240 223 200	Thou- sands 10,301 9,597 8,847 7,835 6,714 6,356 5,369	Thou- sands 224 202 217 212 197 199 174	Thou- sands 10,52 9,79 9,06 8,04 6,91 6,55 5,54

¹Totals are based on unrounded numbers.

²Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

Table 494.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1964-781

				Fede	rally insp	ected				C	ommerci	al
Year	Lamb	s and yea	rlings	М	ature she	ep		Total	al basi	All si	neep and	lambs
	Number head	Pet. of total	Avg. dressed weight	Number head	Pct. of total	Avg. dressed weight	Number head	Avg. dressed weight	Avg. live weight	Number head	Avg. dressed weight	Avg. live weight
	Thou-			Thou-	_		Thou-			Thou-		
1004	sands	Percent	Pounds	sands	Percent	Pounds	sands	Pounds	Pounds	sands	Pounds	Pounds
1964 .	12,231	94.5		717	5.5		12,947	48	99	14,595	48	96
1965 . 1966 .	11,063	94.5		646	5.5		11,710		100	13,006		100
1967 .	10,795	93.4 93.2	****	758 781	6.6		11,583	51 50	102	12,737	50 50	105
1968 .		93.2		690	6.8	****	11,516	50	102	12,791	50	101
1969	10,198 9,340	93.7	****			****	10,888	51	102	11,884	51	102
1970 .	9,340	92.8	****	728 711	7.2	****	10,070	52	104	10,691	52	104
1971 .	9,437	92.0		819	8.0	****		51	104	10,302	51	
1972	9,229	93.2	****	677	6.8	****	10,256 9,905	52	106	10,729	52	100
1973	8,426	91.2	****	808	8.8	****	9,305	53	106	9,597	53	107
1974	7.987	93.3	****	569	6.7	****	8,556	52	105	8,847	52	108
1975	6,993	92.6	****	558	7.4	****	7,552	51	100	7.835	51	100
1976	6,058	93.6	****	416	6.4	****	6,474	54	108	6,714	54	100
1977	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978	4.810	93.1	57	359	6.9	56	5.169	56	113	5,389	56	113

¹All percents and weights calculated using unrounded totals.

Table 495.—Livestock: Average price per 100 pounds received by farmers, by States, 1977 and 1978

State	Con	es I	Steers an	d heifers	Beef c	attle?	Cal	ves
	1977	1978	1977	1978	1977	1978	1977	1978
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	D. II.	
la	23.60	36.10	31.20	47.30	28.40	43.20	Dollars	Dollars
laska	44.00	50.00	55.00	59.00	49.00	54.70	32.10 35.00	54.0
riz	24.30	37.20	39.10	51.80	37.80	50.80	37.50	37.0 61.6
rk	23.70	35.50	33.90	53.00	31.80	50.50	34.00	50.0
dif	24.60	36.50	38.80	51.40	36.00	48.80	33.60	51.0
do	25.60	37.70	39.30	51.50	38.90	51.00	40.70	63.5
on	25.70	38.70	30.70	47.80	26.00	46.00	38.50	57.0
d	25.30	36.20	35.80	47.50	29.70	40.90	38.40	57.6
	24.60	34.70	33.10	49.30	29.60	43.30	32.60	59.4
	23.50	34.90	31.50	47.40	28.20	42.30	32.10	55.7
waii	21.60	28.50	34.20	41.50	31.70	39.10	40.00	40.0
	25.50	37.10	38.10	51.60	36.60	49.90	39.00	66.8
***************	24.70 24.70	34.80 35.50	38.10	80.00	36.60	48.40	38.70	54.8
	24.90		37.50	50.30	35.40	45.60	36.30	56.1
ns	24.30	37.10 35.60	38.00	51.10	37.20	50.90	37.80	56.5
	23.50	35.50	36.70	53.10	35.00	52.10	39.00	60.2
	23.20	34.90	34.20	50.10	31.60	46.60	37.00	56.0
ine	26.40	39.40	31.50	53.00 44.50	28.10	42.90	36.10	59.1
	25.30	36.60	35.80	48.00	25.80	43.50	36.30	52.0
	25.50	36.30	30.50	43.30	29.70	41.40	38.00	57.2
h	25.30	36.90	37.90	50.60	32.80	41.90 44.20	38.20	87.0
m	26.10	37.50	37.60	49.10	31.60	43.50	38.80	61.6
	23.50	34.20	33.70	51.30	28.60	42.50	36.70	58.2
***************	23.40	34.70	36.30	51.70	33.50	48.30	36.70	59.8
	23.90	38.50	37.30	87.00	33.70	51.50	41.40	57.2 70.3
	25.00	36.20	38.90	52.00	37.20	50.10	40.30	60.7
************	23.60	35.20	37.30	51.50	35.20	48.40	37.80	61.2
	25.30	36.00	30.50	41.50	25.80	40.40	36.50	52.5
	24.80	34.90	35.50	48.90	26.20	36.70	37.90	55.7
dex	23.70	35.90	39.70	54.00	38.50	52.90	36.70	60.8
	25.00	35.30	32.60	44.00	26.20	36.60	37.50	58.2
1	23.40	34.90	30.90	46.20	26.70	39.90	34.80	55.0
Onk	24.40	34.80	37.00	52.50	34.20	48.40	40.00	60.1
	25.10	37.10	37.60	50.20	34.60	48.00	42.00	60.2
	23.90	35.30	37.00	54.60	33.20	49.60	38.30	60.3
****************	25.70	35.60	35.60	49.70	33.00	46.70	34.70	53.5
****************	25.20	36.90 37.50	37.70	50.80	32.00	43.90	45.70	64.3
****************	23.90	36.40	30.50	45.60	26.00	44.00	37.60	57.0
Nak	26.20	36.20	31.80	49.20	27.90	42.70	31.60	55.0
n	23.10	33.90	34.60	51.30 49.90	37.50	49.40	40.90	64.9
	23.30	35.00	36.40	51.50	28.20 33.20	41.00	37.10	57.8
h	24.70	34.40	36.30	51.20	32.60	47.70	34.70	60.1
*************	24.50	36.20	29.50	41.40		47.60	37.60	58.7
**************	23.70	35.90	31.90	45.40	25.80 27.80	40.40	35.00	56.00
sh	24.40	35.90	36.70	50.80	34.40	40.60	37.00	60.40
Va	22.80	34.40	29.70	46.00	27.10	47.40	37.20	54.90
*************	25.10	36.40	35.40	46.70	27.60	41.10 38.90	34.50	57.9
0	26.30	40.50	38.30	58.00	35.90	54.70	41.20 42.80	57.10 71.70
U.S	24.30	35.80	37.30	51.70	34.40	48.50	36.90	59.10

Table 495.—Livestock: Average price per 100 pounds received by farmers, by States, 1977 and 1978—Continued

	Hog	p3	She	ер	Las	mbe
State	1977	1978	1977	1978	1977	1978
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala	38.30	45.10	14.00		46.00	2000015
Alaska	62.00	67.00	30.00	30.00	50.00	55.00
Ariz	42.00	50.40	11.70	16.50	51.90	62.30
Ark	37.80	46.00	11.50	******	48.00	
Calif	41.00 38.70	48.30 46.50	10.70	16.70	50.10	63.3
Colo	37.00	45.00	13.80 28.00	21.00 37.00	53.40 72.00	84.0
Del	38.90	45.80	12.30	31.00	48.40	04.0
Pla	37.90	44.00	13.00		40.00	
Ga	37.60	44.00	14.00		46.00	
Hawaii	60.90	60.50				
Idaho	38.00	44.00	13.80	15.50	49.80	60.8
	39.20	46.40	11.50	14.30	45.90	55.9
nd	40.60	46.40	11.40	16.60	46.10	54.3
lowa	39.60 40.00	47.00 47.00	10.10	17.30	52.00	60.3
Kans	39.10	46.20	10.10	16.20	49.20 48.60	60.7 52.4
La	36.60	43.30	15.00	22.50	50.00	60.0
Maine	37.00	45.00	25.00	33.00	67.00	80.0
Md	38.90	46.10	12.30	15.80	48.00	56.7
Mass	37.00	45.00	29.00	38.00	72.00	84.0
Mich	40.50	47.60	13.80	20.30	51.60	62.1
Minn	39.10	46.70	14.30	20.90	52.70	64.0
Mine	39.60	46.80	14.00		46.00	
Mo	39.70	46.80	11.30	16.40	50.70	59.9
Mont	37.50	44.80	11.50	18.20	50.70	67.1
Nebr	39.40	47.10	11.50	17.00	52.40	62.7
Nev	41.10	49.10	13.10	16.40	48.00	57.9
N.H	37.00 38.20	45.00	26.00 18.50	35.00 27.50	70.00 43.00	83.0
N. Mex	40.50	47.90	13.30	20.60	53.10	51.0 67.9
N.Y	38.00	44.90	13.90	15.70	48.70	62.7
N.C	39.10	46.70	14.00	20.00	36.00	44.5
N. Dak	38.10	45.30	10.30	15.50	49.50	61.6
Ohio	39.70	47.50	14.00	21.20	49.50	61.2
Okla	39.40	46.30	10.00	13.20	47.50	56.5
Oreg	38.10	46.30	11.40	16.70	49.80	61.4
Pa	39.10	46.30	14.30	19.80	48.30	70.0
R.I	37.00	45.00	28.00		70.00	
S.C	38.10	45.10	14.00	17.00	44.00	
S. Dak	39.80 38.90	47.40	12.80 11.90	17.00 12.20	52.80	63.0
Tex	38.00	46.70 43.80	16.30	27.20	45.20 52.20	44.7 67.6
Utah	38.60	45.30	10.80	15.70	50.00	59.5
Vt	37.00	45.00	25.00	35.00	67.00	80.0
Va	38.70	45.50	11.80	21.00	48.00	61.0
Wash	38.30	48.40	9.40	11.80	50.20	62.4
W. Va	38.50	45.40	11.80	20.00	46.80	57.2
Wis	38.90	45.90	10.60	15.10	48.20	58.2
Wyo	38.30	44.80	12.90	27.80	52.30	67.9
U.S	39.40	46.60	13.40	21.70	51.30	62.7

¹ Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.
² Weighted average of prices for cows, and for steers and heifers with allowance, where necessary, for sale of bulls for slaughter.
³ December of preceding year through November.

t

Table 496.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1964-78

		th tries	PERMIT		11,000	Pulled wo	ol production
Year	Sheep and lambe shorn 1	Weight per fleece	Shorn wool production	Price per pound ²	Value of production ³	Average weight per skin	Total
1964 1965 1968 1968 1968 1969 1970 1970 1970 1971 1972 1973 1974 1976 1976	Thousands 25,465 23,756 22,923 22,936 20,759 19,854 19,163 19,036 18,770 17,425 15,956 14,403 13,669 13,214 12,540	Pounds 8.48 8.51 8.57 8.55 8.46 8.41 8.44 8.25 8.24 8.30 8.11 8.11	1,000 pounds 212,333 301,463 195,053 188,984 177,396 161,567 160,156 158,506 143,738 131,535 110,817 107,159 101,277	Cents 53.2 47.1 52.1 1 39.8 40.5 41.8 35.4 19.6 35.0 82.7 59.2 44.7 68.7 72.0 74.5	1,000 dollars 112,877 94,999 101,204 75,177 71,778 69,516 57,162 31,416 55,496 118,839 77,788 53,505 73,148 77,147	Pounds 3.41 3.37 3.43 3.44 3.44 3.46 3.46 3.46 3.43 3.33 3.3	23,300 24,100 22,400 20,500 17,100 15,200 12,000 9,700 8,000 5,700 4,000 1,700
	1, 17	100	Appare	l wool (clean	content)		Carpet wool
Year	Total wool production	Domest		stic		otal new supply ?	imports for consumption (clean content) ⁶

Year	wool production	Domestic production 8	Exports domestic wool	Imports for consumption 6	Total new supply 7	consumption (clean content)*
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1964	237,433	119,581	116	98,415	217,880	113,932
1965	224,763	113,084	*617	162,637	275,104	108,943
1966	219,153	110,609	86	162,537	273,060	114,625
1967	211,384	106,475	102	109,071	215,444	78,205
1968	197,896	99,563	543	129,717	228,737	119,599
1969	182,849	91,528	196	93.523	184,855	95,664
1970	176,787	88,158	200	79,810	167,768	73,325
1971	172,156	85,143	6,318	42.682	121.507	83,893
1972	168,206	82,678	11,224	24,790	96,244	71,849
1973	151.738	74,395	3,726	19,587	90.256	40,524
1974	137.082	66,824	4.271	11,800	75,107	15,148
1975	124,835	60,882	7,674	16,572	69,780	17,021
1976	114,817	55,776	1,130	38,387	93.033	19,076
1977	108,859	54.819	385	34,175	86 609	18,780
19784	101,827	51,039	425	27,000	77,614	23,404

<sup>Includes sheep shorn at commercial feeding yards.
Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.
Production by States multiplied by annual average price.
Preliminary.
Conversion factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent from 1964 to 1976, and 50.0 percent for 1977-1978; pulled wool production—72.9 percent.
Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.
Production minus exports plus imports; stocks not taken into consideration.
Beginning 1965, includes carpet wool exports.</sup>

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. Imports and exports from reports of the U.S. Department of Commerce.

Table 497.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1976-78

700usunda 710usunda 710usu	1976 9.1 5.2 430	1977													
7000 P	3.1 5.2 5.2 430		1978 2	1976	1977	1978 2	1976	1977	1978 2	1976	1977	19781	1976	1977	1978
* 90 8014	430 5.2 430 5.2	Nousands	Thousands	Pounds	NA.	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	-	-	1,000	1,000	1,000 dollars
4 40 80-4	130	80 A	(8)	60		(8)	82	19	(8)	28 82			==	22.83	0
do mar		344	336	7.5		7.7	2,875	2,423	2,596	22			1,524	1,406	8,6
	0.20	1,291	1,310	200	1.0	7.7	9,857	9,926	10,117	88	328	E	808.8	7,047	2,4
60A-4	6,4	5.6	5.2	96		7.6	200	9:	9	328			8	80	
	3.6	3.6	:E	200		100	121	25	00	819			-=:	-=:	E
	200.5	489	689	10.7		10.2	5,562	5,281	4,999	22			3,504	3,644	S. S.
•	201	183	172	7.8		04.00	1,428	1,368	1,296	\$ \$			200	917	
	138	433	250	7.3		7.1	3,178	3,181	5800	156			1,621	2,163	25.
	220	18:	382	7.2		10.0	192	182	161	25			888	120	-
	196	225	3=9	989		900	3	828	323	18:			353	323	
	6.7	6.2	6.3	6.9		909	46	13	43	38			283	83	
-6	00	251	243	2 4		7.6	2,231	1,906	1,040	28			1,16	1,82,1	97
	32.5	129	126	7.4		(8)	856	83	958	32			518	649	€
400	112	196	193	9.6		10.1	1.491	1.342	1,349	28			3,467	3,332	e e
-	28	110	102	10.2		10.4	1,224	1,122	1,061	818			845	707	-
2	0.80	496.2	7.4 532	200		7.0	4.895	9891	5.092	25			3.231	3.306	2.6
	800	20	3.	2.4		7.1	427	391	381	288			348	883	.00
	98	179	- 89	9.6		100	1,908	1,748	1,641	888			1,126	1	2
	67	8	7.50	12.		7.6	516	518	2,000	338			188	337	200
	88	\$ 88 88 88	74	7.4		7.5	3,661	3,401	3,480	88			2,308	2,483	200
	7:	2:	25	6.6		26	16	7.	3	25			0.4	=	€:
E	8:	689	743	98		9.1	6,496	6,236	6,725	333			4,157	4,562	5,1
3,10	18	2,930	2,700	7.1		9	22,000	21,000	18,500	92			17,380	17,220	15,3

4558 3		75,443
1857 619 649	7,725	77,147
r268	7,672	73,148
5.85.8	35	175
25.85	112	172
3653		166
8528		101,277
25.88 26.88 26.88	-	107,159
32E8	11,283	110,817
2.00 to 0.00 t	10.1	8.08
20 00 00 20 00 00 20 00 00	9.8	8.11
- 8000 4000	9.7	8.11
1160 13	_	12,540
151 63 116		13,214
150.7	1,158	13,669

Includes shearing at commercial feeding yards.

§ Perliminary.

§ For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

§ Production multiplied by annual average price.

§ Eximates discontinued.

⁹ Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.
⁷ U.S. averge price per pound derived using unrounded value and production.

Table 498.—Wool: Production in specified countries, greasy basis, 1976-781

Continent and country	19762	19772	19782	Continent and country	19762	1977 2	19782
North America: Canada ³	1,000 metric tons 1.1 3.7	1,000 metric tons 0.9 3.6	1,000 metric tons 0.9 3.6	Soviet Union	1,000 metric tons 432.0	1,000 metric tons 455.0	1,000 metric tons 458.0
United States 4	53.8	49.9	46.4	Africa: Egypt	3.8	3.9	4.0
Total	58.6	54.5	50.9	Morocco South Africa	21.0	20.0 113.4	21.0
South America:						-	
Argentina	176.3 30.3	172.0 26.9	170.8	Total	135.3	137.3	135.9
Chile	21.2	22.1	22.2	Asia:			
Columbia	1.1	1.2	1.2	India	32.0	33.1	34.2
		8.7	8.7	Iran	33.3	33.9	34.3
Peru	9.0						18.5
Uruguay	60.4	62.2	62.7	Iraq	18.0	18.2	
	200.0		000.0	Israel	4	4	4
Total	298.2	293.1	293.6	Outer Mongolia	21.2	21.2	21.2
				Pakistan	30.7	33.4	36.2
Europe:				China, Mainland	61.0	61.0	61.0
Belgium and Luxembourg	.9	.9	.9	Syria	13.0	13.8	13.8
Denmark	.2	.2	.2	Turkey	53.9	54.1	54.5
France	22.0	22.4	23.3		-		
Germany, Fed. Rep. of	4.5	4.6	4.6	Total	263.6	269.1	274.1
Ireland	9.2	9.1	8.7				2.2.
Italy	12.1	12.8	13.0	Oceania:			
Netherlands	2.4	2.4	2.4	Australia	702.7	677.4	695.4
Netherlands					302.5	310.8	316.5
United Kingdom	49.9	48.0	50.1	New Zealand	-		-
Total EC	101.1	100.4	103.2	Total	1,005.2	988.2	1,011.5
Austria	.6	.6	.6	World total 6	2.456.8	2.464.9	2,496.5
Greece	9.1	9.1	8.9		-,	-,	-
Norway	4.4	4.7	4.8				
Portugal	9.8	9.7	9.9			100	
Spain	28.6	28.0	27.5				
Sweden	.8	8	.8				
Switzerland	.8	.7	.8		693		
Total Western Europe	155.0	154.1	156.5		0.737		
Bulgaria	33.8	33.0	33.0	1			
Czechoslovakia	3.5	3.6	3.6				1
	10.6	10.4	10.6	1			
German Dem. Rep							
Hungary	8.6	9.9	10.8				
Poland	10.6	12.3	13.3				
Romania	32.0	34.7	35.0			1	
Yugoslavia	9.9	9.8	10.2				
Total Eastern Europe	108.9	113.6	116.4				
Total Europe	264.0	267.7	272.2	1			

¹Includes shorn wool, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

²Preliminary and subject to revision.

³Does not include pulled wool.

⁴Includes pulled wool converted to greasy basis using 1.7 as conversion factor.

⁵Includes Republic of South Africa, Lesotho, and Namibia (South-West Africa).

⁶Totals may not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, othe foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research and related information.

Table 499. - Wool: Price-support operations, United States, 1964-78

PROC. TOTAL		ool price ound	Payme	ent rate	Marketin by pay	gs covered menta ³	Amou	ant of payme	ents 4
Marketing year	Support	Season average received by pro- ducers	Average for shorn wool per pound 1	Unshorn lambs per cwt. 2	Shorn wool	Unshorn lambs	Shorn	Unshorn lambs	Total
					Million	Million	Million	Million	Million
1964	Cents 62	Cents 53.2	Cents 8.8	Cents	pounds	pounds	dollars	dollars	dollars
1965	62	47.1	14.9	35	198 195	1,240	16.7 28.1	3.6 6.1	20.
1966	65	52.1	12.9	60 52	170	1,201	21.1	5.1	34. 26. 57.
1967	66	39.8	26.2	105	189	1,150	47.8	9.9	20.
1968	67	40.5	26.5	106	176	1,114	44.8	9.6	54.
1969	69	41.8	27.2	109	160	1,035	41.5	9.1	50.
1970	72	35.5	36.5	146	149	1,005	52.0	12.0	64
1971	72	19.4	52.6	210	169	978	85.0	17.3	102
1972	72	35.0	37.0	148	158	957	55.8	11.8	67.
1973	72	82.7							*****
1974	72	59.1	12.9	52	95	613	11.6	2.9	14.
1975	72	44.7	27.3	109	135	571	35.1	5.7	40.
1976	72	65.7	6.3	25	96	471	5.8	1.2	7.
1977	99	72.0	27.0	108	91	444	23.4	4.4	27.
1310	108	74.5	33.5	134					

Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.

For unshorn lambs sold.

Junadjusted for weight of unshorn lambs produced.

Payments for wool produced during the year shown are made after Mar. 31 of the following year.

n =

099

235422085

4

.9

Agricultural Stabilization and Conservation Service.

Table 500. — Wool: Average price per pound, clean basis, delivered to United States mills, 1964-78

	Terri	itory 1	Fleece % blood	Australian 64's
Year	Pine good French combing and staple	% blood good French combing and staple	good French combing and staple ³	good topmaking (in bond, American yield)
1964 1965 1965 1966 1967 1968 1969 1970 1971 1971 1972 1973 1974 1975 1976 1977	Cents 140 125 138 122 121 122 103 66 116 250 176 180 1883	Cents 130 121 125 98 96 96 99 65 94 167 126 96 143 161 168	Cents 129 119 117 91 84 86 87 66 93 159 119 86 136 158 164	Cents 13 11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15

¹Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arisona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

²Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi river and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

³Beginning January 1970 reported as Australia Type 62-64's.

⁴Beginning January 1976, the unit designation terminology for wool prices changed to microns. For example, Fine good French combing and staple now reads as 64's (26-0-22.04 microns) Staple 2%' and up French combing and staple now reads as 64's and staple, there are now two designations as follows: 56's (26-0-27.84 microns) and 55's (26-0-26.39 microns) staple 3%' and up. An average of the two is given in the price data here.

Economics, Statistics, and Cooperatives Service - Economics.

Table 501.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1969-781

Item	1969 2	1970	1971	1972	1973	1974	19752	1976	1977	1978*
Apparel wool: Woolen system: 60's and finer	Mil. lb. 29.6 44.0 6.3	Mil. 1b. 18.9 28.8 5.2	Mil. Ib. 14.8 21.7 3.9	Mil. Ib. 19.9 26.7 3.6	Mil. Ib. 13.6 24.7 3.4	Mil. Ib. 10.9 18.9 3.2	Mil. Ib. 15.7 25.3	Mil. Ib. 20.6 29.2	Mil. Ib. 22.3 26.3	Mil. Ib. 24.4 28.6
Total	79.9	52.9	40.4	50.2	41.7	33.0	41.0	49.8	48.6	53.0
Worsted system: 60's and finer Coarser than 60's	82.5 56.7	51.6 59.0	37.7 38.1	84.6 37.4	40.2 28.0	23.8 18.0	34.1 19.0	34.9 21.9	27.3 19.6	32.7 16.5
Total	139.2	110.6	75.8	92.0	68.2	41.8	53.1	56.8	46.9	49.2
Total apparel: 60's and finer Coarser than 60's	112.1 107.0	70.5 93.0	52.5 63.7	74.5 67.7	53.8 56.1	34.8 40.1	49.8 44.3	88.5 51.1	49.6 45.9	57.1 45.1
Total	219.1	163.5	116.2	142.2	109.9	74.9	94.1	106.6	95.5	102.1
Carpet wool ⁷	93.8	76.6	75.2	76.4	41.4	18.6	15.9	15.1	12.5	13.0

¹Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 502. — Wool: United States imports (for consumption), clean content, by grades,

Grade	1969	1970	1971	1972	1973	1974	1975	1976	1977	19781
Dutiable: 3 56's and finer 4 46's to 56's 5 40's to 46's 5 Not finer than 40's Named and similar wools	Mil. Ib. 69.7 12.5 3.3 7.2 .8	Mil. Ib. 49.4 18.2 4.2 7.4 .6	Mil. Ib. 30.7 7.1 1.5 3.2 -2	Mil. Ib. 21.4 1.1 9 1.2 2	Mil. II. 15.7 1.0 .7 1.9 .3	Mil. Ib. 8.1 .9 .9 .9 1.8	Mil. II. 13.7 .6 .6 1.6 .1	Mil. Ib. 32.7 1.6 .8 3.1 .1	Mil. Ib. 27.1 3.2 .8 2.9 .2	Mil. Ib. 19.8 7.2
Total	93.5	79.8	42.7	24.8	19.6	11.8	16.6	38.3	34.2	27.0
Duty-free: 3 Named and similar wools Other Not finer than 40's 40's to 44's 44's to 46's 7	11.2 53.4 23.4 7.7	8.9 44.1 18.1 2.2	6.2 53.3 22.7 1.7	7.9 43.3 16.9 3.7	5.7 26.9 6.9 1.1	.5 10.3 3.4 .9	.9 13.1 2.3 .7	1.1 14.7 2.3 1.0	1.1 13.9 3.1 .7	1.6 12.8 4.7 4.3
Total	95.7	73.3	83.9	71.8	40.6	15.1	17.0	19.1	18.8	23.4

¹Wool not advanced in any manner or by any process of manufacture beyond washed, accourse, or carbon condition. ²Preliminary. ³Beginning November 1977 duty-free wools include and are limited to all 46's and coargrades of wool by Public Law 95-162. Beginning January 1978 Bureau of Census data combined duty-free 46's dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's. ⁴Finer than 58's beginning in 1978. ⁸50's through 58's beginning in 1978. ⁸Beginning in November 1977 duwere suspended through June 30, 1980. ⁸Beginning in 1978 through June 30, 1980 the totals include all w grading 48's and coarser except for named wools.

not (2) on the worsted system as the sum of top and non-production.

153 weeks.

15 Preliminary.

1 Domestic and duty-paid foreign.

5 Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous

products.

*Beginning 1975, 50's up to 60's and 48's and coarser combined.

*Duty-free foreign.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 503.—Wool (actual weight): International trade, 1976-78

Country	19	761	19	771	19	781
	Exports	Imports	Exports	Imports	Exports	Imports
North America: Canada Mexico United States	1,000 metric tons 0.4	1,000 metric tons 4.1 4.5 33.8	1,000 metric tons 0.4	1,000 metric tons 3.8 3.5 30.3	1,000 metric tons 0.4	2,000 metric tons 3.1 3.1 28.1
Total ³	.9	42.4	.6	37.6	.6	35.
South America: Argentina Brazil Chile Peru Uruguay	81.2 8.7 7.0 .7 23.8	1.0	99.1 6.8 12.0 .5 32.7	.2 1.0 2.8	81.4 7.5 7.0 .5 40.0	1.0
Total ³	121.4	2.0	151.1	4.0	136.4	1.5
Europe: Belgium-Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy Netherlands United Kingdom	10.5 -2 38.8 7.4 10.3 5.4 5.3 19.0	63.0 3.6 165.2 99.3 8.0 107.9 13.3 162.0	8.2 .2 32.3 7.0 6.2 5.0 4.2 21.0	46.7 3.2 117.4 76.4 8.7 87.6 7.5 136.6	7.0 .2 30.0 7.0 10.0 5.0 4.0 18.0	45.6 3.0 115.6 80.0 8.0 100.0 7.0 140.0
Total BC	96.9	622.3	84.1	484.1	81.2	498.0
Austria Finland Greece Norway Portugal Spain Sweden Switzerland	.2 .8 1.8 .4 10.5 .7 .8	3.5 1.2 13.6 1.0 6.0 25.0 1.4 7.2	.3 .5 1.5 .1 10.3 1.0 .6	3.8 1.2 15.0 1.0 5.7 23.9 1.5 7.3		3.8 1.2 16.0 1.0 5.0 26.0 1.0 7.1
Total Western Europe®	112.1	681.2	98.4	545.5	98.1	559.1
Bulgaria Caechoslovakia German Dem. Rep Hungary Poland Romania Yugoslavia	25 .8 	.7 18.0 13.4 2.8 20.7 4.1 13.6	.5 .8 	.7 17.7 14.5 2.9 17.2 3.8 23.3	.5 .8 	.7 18.0 14.5 2.9 18.0 3.0 15.0
Total Eastern Europe ³	5.0	73.3	2.3	80.1	3.5	72.1
Total Europe ³	117.1	754.5	100.7	623.6	101.6	631.2
oviet Union	2.1	109.6	2.5	111.6	3.0	110.0
frica: Egypt Morocco South Africa 4	1.2 78.0	7.0 4.0 1.0	73.6	10.5 3.4 .6	.8	9.0 4.0 .6
Total	79.2	12.0	74.8	14.5	75.8	13.6

See footnotes at end of table

Table 503. - Wool (actual weight): International trade, 1976-78 - Continued

100	19	761	197	771	19	781
Country	Exports	Imports	Exports	Imports	Exports	Imports
Asia: Mongolia China: Mainland Thina: Mainland India Iran Iran Iraq Israe Japan Korea, Rep. of Pakistan Syria Turkey	1,000 metric tons 11.1 5.1 .7 4.9 2 1.3 1	1,000 metric tons 7,3 17.9 12.0 23.5 .8 2.8 269.8 15.3 .4 4.0 11.3	1,000 metric tons 11.0 3.0 1.1 4.0 .2 1.3	1,000 metric tons 5.0 13.9 12.0 22.0 8 2.5 214.4 17.3 .8 4.0	1,000 metric tons 11.0 3.0 1.0 4.0 .2 1.3 .1 .1 .5.0 6.5	1,000 metric tons 5.0 17.0 10.0 22.8 8 22.1 200.0 21.6 4.0 12.0
Total Asia 3	34.0	365.1	32.1	307.5	32.1	295.5
Oceania: Australia 5 New Zealand 5	728.7 253.9	8.6 1.0	639.5 242.9	7.9 1.1	621.5 250.0	7.0 1.1
Total Oceania	982.6	9.6	782.4	9.0	871.5	8.1
Total selected countries 3	1,337.3	1,295.2	1,144.2	1,107.8	1,221.0	1,094.7

Preliminary and subject to revision.
 Washed, scoured, or clean basis.
 Includes allowances for missing data for countries shown and data for minor exporting and importing countries not

hown.

Independent of the second of the seco

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 504. — Wool: United States imports (for consumption), clean content, by country of origin, 1969-781

Country of origin	1969	1970	1971	1972	1973	1974	1975	1976	1977	19782
Dutiable: Argentina Australia New Zealand South Africa Uruguay Other	Mil. lb. 3.7 50.5 17.6 10.4 7.3 4.0	Mil. lb. 4.1 32.2 16.7 9.1 11.2 6.5	Mil. lb. 1.8 23.4 6.6 4.3 4.1 2.5	Mil. lb. 0.3 16.7 2.7 4.1 .1	Mil. lb. 1.2 9.4 3.1 3.4 2 .7	Mil. lb. 1.0 5.8 3.3 1.1 .2 .4	Mil. lb. 1.5 11.9 2.1 .7 .1 .3	Mil. lb. 4.3 28.4 4.2 .5 .1 .7	Mil. lb. 4.0 23.3 4.8 1.0 4 .7	Mil. lb. 3.2 21.2 1.6 .3 .3 .4
Total	93.5	79.8	42.7	24.8	18.0	11.8	16.6	38.2	34.2	27.0
Duty-free: Argentina Iraq New Zoaland Pakistan Syria United Kingdom Other	20.5 .1 52.8 3.3 1.3 7.0 10.7	16.1 .6 42.0 .9 .9 .9 4.6 8.2	13.6 .6 53.4 .4 .7 8.5 6.7	9.4 1.9 45.0 .3 1.5 7.9 5.8	3.2 1.3 28.3 .4 1.5 3.5 2.3	.6 .4 12.3 	1.7 .1 11.6 3 2.5 .8	1.7 .6 12.8 .6 2.3 .9	1.9 .6 13.1 	3.2 4 16.2 2.1 8
Total	95.7	73.3	83.9	71.8	40.5	15.1	17.0	18.9	18.8	23.4
Grand total	189.2	153.1	126.6	96.6	58.5	26.9	33.6	57.1	53.0	50.4

1 Wool not advanced in any manner or by any process of manufacture beyond washed, accurred, or carbonized condition.

² Preliminary.

Economics, Statistics, and Cooperatives Service-Economics. Compiled from reports of the U.S. Department of Commerce.

Table 505. — Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1964-78

Year	Goats clipped ²	Average clip per goat	Mohair produc- tion	Price per pound	Value of produc- tion 3	Year	Goata clipped ²	Average clip per goat	Mohair produc- tion	Price per pound	Value of produc- tion 3
1964 1965 1966 1967 1968 1969 1970	Thou- sands 4,568 4,803 4,659 4,113 3,966 3,174 2,891 2,189	Pounds 6.5 6.7 6.3 6.6 6.6 6.6 6.5 6.8	1,000 pounds 29,736 32,420 29,576 27,127 26,022 20,810 18,677 14,885	Cents 94.3 65.5 53.7 40.9 45.2 65.1 39.1 30.1	1,000 dollars 28,053 21,251 15,896 11,100 11,754 13,549 7,299 4,480	1972 1973 1974 1975 1976 1978	Thou- sands 1,521 1,450 1,175 1,215 1,100 1,215 1,188	Pounds 6.7 6.8 7.1 7.1 7.4 6.5 6.8	1,000 pounds 10,190 9,930 8,400 8,600 8,100 8,000 8,100	Cents 83.0 187.0 137.0 185.0 297.0 287.0 459.0	1,000 dollars 8,458 18,566 11,506 15,910 24,057 22,960 37,179

¹ Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1964-70; beginning 1971, Texas

only.

In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

Production multiplied by price per pound.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 506. - Mohair: Price-support operations, United States, 1964-78

		Price pe	or pound			
	Marketing year	Support	Season average received by producers	Average payment rate per pound ¹	Marketings covered by payments	Amount of payments ²
1964 1965 1966 1967 1968 1969 1970 1971		Cents 72 72 75.8 76.4 77.4 80.2 80.2	Cents 94.3 65.5 53.7 40.9 45.2 65.1 39.1 30.1	Cents 6.5 22.1 35.5 32.2 12.3 41.1 50.1	Million pounds 29.7 29.1 32.1 33.0 15.9 19.1 20.0	Million dollars 2.6 6.1 11.2 10.6 2.6 7.8
1972 1973	**********	80.2	81.4			********
1974	**********	80.2	187.0	*******	*******	********
1975	**********	80.2	137.0	*******	*******	********
1976	***********	80.2	185.0	*******	********	********
1977	***********	80.2	297.0	*******		********
1978	*****************	149.8 164.7	287.0 459.0			********

¹Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair.

²Payments for mohair produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 507. - Red meat and lard: Production, by class of slaughter, United States, 1964-78

	0	Commercial				C	ommercia	1			
Year	Federally inspected	Other	Total 1	Farm	Total	Federally inspected	Other	Total 1	Farm	Total	
			Beef			Pork, excluding lard					
1964	Million pounds 15,103 15,421 16,220 16,829 17,850 18,474 19,152 19,373 20,241 19,294 20,937	Million pounds 2,934 2,904 3,272 3,162 2,812 2,486 2,320 2,324 1,978 1,794 1,907 2,045	Million pounds 18,325 19,493 19,991 20,662 20,960 21,472 21,697 22,218 21,088 22,844	Million pounds 392 374 201 193 184 166 180 171 169 189 294 303	Million pounds 18,699 18,699 19,694 20,184 20,846 21,126 21,652 21,868 22,387 21,277 23,138	Million pounds 10,445 9,331 9,662 10,750 11,330 11,563 12,114 13,452 12,551 11,879 12,856	Million pounds 1,574 1,408 1,468 1,627 1,536 1,211 1,134 1,155 908 699 727	Million pounds 12,019 10,736 11,130 12,377 12,867 12,774 13,248 14,606 13,460 12,578 13,583	Million pounds 484 396 198 195 188 172 181 177 171 173 222	Million pounds 12,503 11,132 12,572 13,055 12,946 13,429 14,783 13,631 12,751 13,805 11,503 12,415 13,247 13,393	
1975	21,626 23,726 23,364 22,623	2,045 1,941 1,622 1,387	23,671 25,667 24,986 24,010	303 302 293 232	21,277 23,138 23,974 25,969 25,279 24,242	10,733 11,699 12,518 12,689	581 519 533 520	11,314 12,219 13,051 13,209	189 196 196 184	11,503 12,415 13,247 13,393	
			Veal				Lar	nb and mu	tton		
1964	Million pounds 550 572 490 423 420 400 337 324 283 210 285 494 563 569 447	Million pounds 378 364 372 326 276 241 1220 192 146 115 157 333 250 225 153	Million pounds 928 936 862 749 696 640 558 516 429 325 442 827 813 794 600	Million pounds 85 84 48 38 33 30 30 30 32 44 46 40 40 32	Million pounds 1,013 1,020 910 0792 7344 673 588 546 4597 486 873 853 834 632	Million pounds 624 576 581 574 545 510 514 552 515 486 385 349 330 290	Million pounds 79 63 58 62 47 30 26 22 19 17 14 14 11 10	Million pounds 703 639 639 636 540 544 533 504 454 399 361 341 300	Million pounds 12 12 11 10 10 10 11 11 11 10 10 9	Million pounds 715 651 650 646 602 550 551 555 543 514 465 410 371 351 309	
	All meat, excluding lard					Lard					
1964	Million pounds 26,722 25,900 26,953 28,576 30,145 30,947 32,117 33,671 33,590 34,518 36,337 36,781 36,049	Million pounds 4,965 4,736 5,170 5,177 4,671 3,968 3,700 3,693 3,051 2,625 2,805 2,973 2,722 2,391 2,070	Million pounds 31,687 30,636 32,124 33,753 34,817 34,914 35,818 37,363 36,640 34,495 37,323 36,211 39,060 39,172 38,119	Million pounds 973 866 458 441 420 389 380 404 571 549 548 539 457	Million pounds 32,660 31,502 32,582 34,194 35,297 36,220 37,752 37,020 34,899 37,894 36,780 39,608 39,711 38,576	Million pounds 2,153 1,772 1,695 1,835 1,776 1,830 1,465 1,181 1,289 956 1,010 994 968	Million pounds 235 206 202 208 169 125 112 106 77 54 55 39 34 27 23	Million pounds 2,388 1,980 1,897 2,044 2,032 1,879 1,888 1,936 1,541 1,235 1,344 1,235 1,044 1,021	Million pounds 85 65 32 32 30 25 25 24 18 22 17 17 16 15	Million pounds 2,473 2,045 1,929 2,076 2,062 1,905 1,913 1,960 1,561 1,253 1,366 1,012 1,061 1,037 1,006	

¹Totals are based on unrounded data.

²Beginning 1966, custom slaughter in plants for farmers is included in commercial meat production, and excluded from farm meat production.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 508.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, 19781

Product	1978	Product	1978
	1.000	ii kan laren en la san	1.000
Cured:	pounds	Convenience foods (frozen and/or unfrozen):	pounds
Beef	318,045	Pizza	484,721
Pork	4,219,419	Pies	178,300
Other ments	22,527	Dinners	261,783
Smoked dried, or cooked:		Entrees	364,422
Bacon	1,562,324	Other	276,541
Hams	1,597,751	Miscellaneous meat products:	
Pork	534,614	Cured meat loaves	94,891
Beef	300,050	Non-specific loaves	186,930
Other amoked	284,667	Meat patties	416,730
Fresh/frozen products:		Other formulated products	176,036
Beef cuts	10,510,284	Horse and equine product	29,017
Pork cuts	11,298,976	Animal food	173
Other cuts	533,085		
Beef, boned	6,932,173 2,871,411	Total	58,388,292
Pork, boned	278,036	Fats and oils:	
Steaks, chops, roasts (chopped/formed)	3.550,941	Lard, rendered	
Hamburger/ground beef	2,863,154	Lard, rendered	968,162
Other, fresh/frozen	711.888	Lard, refined	1,494,360
Sourage:	111,000	Compound containing animal fat	984,725
Fresh	979.027	Oleomargarine containing animal fat	115,891
Uncooked cured	12.192	Oreomargarine containing animai fat	119,691
Dried/semi-dried	329,330	The state of the s	
Frankfurters/wieners	1,509,294	Total	4.215.604
Bologna	804.826	***************************************	4,210,004
Liver sausage and braunschweiger	132,027	Total all products	62,603,896
Other	746,091	Total an produce	02,000,000
Sliced/packaged product:	120000		
Sausage, loaves, luncheon meat	988,563		
Ham	270,427		
Bacon	1,417,688		
Other	339,938		

¹Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 509.—Canned meat products: Quantity produced under Federal inspection, United States, 19781

Product	1978	Product	1978
Luncheon meat Canned hams Hash products Chili con carne Viennas Frankfurters and wieners Devilled ham Potted meat food products and spreads Tamales Sliced dried beef Chopped beef, hamburgers	271,990 84,984 335,719 116,038 2,666 15,380 45,677 29,862 4,811	All other meat and/or meat hyproducta,	1,000 pounds 4,613 28,181 1,872 789,291 15,668 175,590 314,603 42,078 313,107
Meat stew	156,099 426,363 19,362	Total	3,480,760

¹Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories.

Food Safety and Quality Service.

Table 510.—Meat: Production by types in specified countries, 1977 and 19781

Continent and country	Beef ar	nd veal	Por	k ³	Mutton, la goat r	mb, and neat	Total :	meat tion ⁴
,	1977	19782	1977	19782	1977	19782	1977	19782
North America: Canada 5 Costa Rica Dominican Republic El Salvador Guatemala Honduras	1,000 metric tons 1,142.9 74.4 35.7 29.4 79.6 43.7	1,000 metric tons 1,045.0 81.0 37.5 35.7 90.9 50.8	1,000 metric tons 538.9 6.5 22.5 11.6 9.0 9.9	1,000 metric tons 620.0 6.9 22.7 12.0 9.3 10.1	1,000 metric tons 5.4	1,000 metric tons 4.5	1,000 metric tons 1,702.2 80.9 58.2 41.1 88.9 53.6	1,000 metric tons 1,685.3 87.9 60.2 47.7 100.4 60.9 1,559.0
Mexico	974.0 71.3 49.0 11,844.8	1,054.0 85.1 49.2 11,282.8	428.0 15.6 4.9 6,008.8	440.0 15.9 5.5 6,075.0	159.2	140.2	1,467.0 86.9 53.9 18.012.8	101.0 54.7 17,498.0
Total ⁶	14,344.8	13,811.8	7,055.8	7,217.4	219.9	199.9	21,645.5	21,254.9
South America:								7/
Argentina * Brazii * Chile * Colombia Ecuador Peru Uruguay Venezuels	2,899.7 2,400.0 193.4 471.5 64.0 81.0 363.3 272.7	3,192.0 2,250.0 184.0 495.0 67.8 83.0 353.9 281.9	238.3 834.0 31.8 105.0 35.0 52.0 14.2 90.1	220.0 850.0 38.0 116.0 38.5 52.0 15.9 91.4	134.3 51.3 23.6 9.8 9.4 32.5 26.5 3.2	130.6 44.4 21.5 10.2 10.1 33.1 35.5 3.5	3,310.1 3,320.5 253.9 586.3 108.4 165.5 404.8 366.0	3,585.9 3,192.1 251.5 621.5 116.4 168.1 406.3 376.7
Total ⁶	6,745.6	6,907.5	1,400.3	1,421.7	290.5	288.9	8,515.4	8,717.8
Europe: Belgium and Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy Netherlands United Kingdom	285.0 242.7 1,651.5 1,371.0 384.4 1,051.9 367.9 1,036.0	280.0 238.0 1,651.0 1,440.0 385.0 1,012.0 350.0 1,010.0	625.0 744.1 1,535.4 2,483.0 127.8 854.1 913.7 938.0	670.0 810.0 1,610.0 2,615.0 134.0 900.0 1,007.5 896.0	3.1 .5 153.5 26.0 39.2 50.3 15.1 229.0	3.1 .5 156.4 27.0 40.0 50.5 15.0 230.0	919.9 988.9 3,386.4 3,887.0 554.6 2,010.8 1,301.5 2,203.0	958.7 1,050.1 3,461.4 4,089.0 562.1 2,017.5 1,376.8 2,136.0
Total EC ⁴	6,390.4	6,366.0	8,221.1	8,642.5	516.7	522.5	15,252.1	15,651.9
Austria 6 Finland Greece Norway Portugal Spain Sweden Switzerland	173.0 106.1 108.0 67.3 74.0 430.8 148.1 149.7	185.0 106.0 104.0 71.4 102.6 435.0 147.8 151.0	339.8 140.2 117.0 79.7 140.1 734.5 303.6 262.2	338.0 154.4 123.0 77.3 158.4 800.0 306.4 266.8	2.0 1.0 118.0 17.8 23.0 144.2 5.0 4.1	2.0 1.0 118.0 18.9 23.1 148.6 4.9	515.3 248.6 343.0 165.8 237.8 1,314.3 459.5 417.5	525.8 262.8 345.0 168.8 284.8 1,388.4 461.9
Total Western Europe 4 .	7,647.4	7.668.8	10.338.1	10.866.8	831.9	842.8	18,953.8	19,511.5
Bulgaria Czechoslovakia German Dem. Rep. Hungary Poland Yugoslavia	103.5 340.0 351.5 132.5 739.1 333.0	105.0 345.0 359.0 134.0 711.0 340.0	235.0 476.5 770.5 461.0 1,548.4 500.0	233.0 480.0 750.0 465.0 1,771.0 560.0	83.6 6.0 14.0 9.5 23.5 57.0	77.0 7.0 13.0 9.6 36.9 57.0	422.1 823.5 1,136.0 604.5 2,366.5 890.4	415.0 833.0 1,122.0 610.1 2,577.4 957.4
Total Eastern Europe * .	1,999.6	1,994.0	3,991.4	4,259.0	193.6	200.5	6,242.9	6,514.4
Total Europe 6	9,647.0	9,662.8	14,329.5	15,125.8	1,025.4	1,043.3	25,196.7	26,026.
Soviet Union	6,900.0	6,940.0	5,000.0	5,050.0	900.0	910.00	12,800.0	12,900.0
Africa: South Africa	543.7 75.2	556.6 76.1	85.0 .8	86.4	164.2 57.2	172.4 58.5	792.9 137.1	815.4 139.2
Total ⁶	618.9	632.6	85.8	87.1	221.3	231.0	930.0	954.7

See footnotes at end of table.

Table 510. - Meat: Production by types in specified countries, 1977 and 19781 - Continued

Continent and country	Beef a	nd veal	Po	rk ³	Mutton, i		Total meat production 4	
Containers and country	1977	19782	1977	19782	1977	19781	1977	1978:
Asia: China, Taiwan India Iran Iarael Japan Korea, Rep. of Philippines Turkey	1,000 metric tons 14.0 189.4 80.0 24.8 361.2 77.2 114.4 199.4	1,000 metric tons 13.0 191.2 80.0 24.3 405.0 92.3 116.1 200.0	1,000 metric tons 510.0 62.9 1.5 9.6 1,169.0 141.3 288.6	1,000 metric tons 510.0 66.2 1.5 9.0 1,285.0 180.0 315.6	1,000 metric tons 1.7 358.9 383.0 3.9 2 1.2 5.9 351.7	1,000 metric tons 1.9 364.1 377.0 3.8 2 1.2 5.9 354.0	1,000 metric tons 525.7 611.2 464.5 38.3 1,536.4 219.7 409.4 554.6	1,000 metric tons 524.9 621.5 458.5 37.1 1,694.9 273.5 438.2 557.4
Total*	1,060.5	1,121.9	2,183.3	2,367.7	1,106.5	1,108.0	4,359.8	4,605.8
Oceania: Australia New Zealand	2,124.4 587.7	2,091.8 548.6	190.9 39.0	198.7 42.5	539.4 497.7	491.3 497.7	2,854.7 1,094.4	2,781.8 1,088.8
Total ⁶	2,682.1	2,640.5	229.9	241.2	1,037.1	989.0	3,949.1	3,870.6
Total selected countries	41,998.9	41,717.1	30,284.6	31,510.9	4,800.6	4,769.9	77,396.5	78,330.1

Carcass weight basis; excludes offals, rabbit, and poultry meat.
Preliminary.
Includes edible pork fat, but excludes lard and inedible greases (except United States).
Includes horse meat.
Horse meat production based on export data.
May not add due to rounding.
Excludes farm slaughter.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 511. - Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1977 and 1978

Month	Frozen and	cured beef	Frozen and	cured pork	Frozen lamb and mutton		
	19771	19781	19771	19781	1977 1	19781	
		1,000 pounds 314,021	1,000 pounds 196,968	1,000 pounds 174,003	1,000 pounds 14,131	1,000 pounds 9,261	
February	475,436	318,377 357,229	203,367 224,726	172,356 215,836	13,884 11,813	8,62 7,94	
March	472,048	376,034	264,600	281,695	12,771	9,17	
May		388,214 372,314	269,902 227,916	280,551 260,191	14,583 14,381	10,14 10,01	
June	373,973	336,545	178,912	219,893	13,848	11.89	
August		315,708 332,222	145,456 158,497	178,716 177,826	13,567 11,630	11,25 11,32	
September		348,436	165,966	207,118	10,097	12,20	
November		388,177 405,351	208,502 185,854	245,178 241,806	9,356 10,096	11,80	

¹Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals.

Table 512.- Meat: United States exports by type of product, 1964-78

	Bee	Beef and veal			Pork							-		
Year	Fresh or frozen	Can- ned	Pick- led or cured	Goat, lamb and mut- ton, fresh or frozen	Fresh or frozen	Hams and shoul- ders, cured or cooked	Bacon	Other pork, pick- led salted, or other- wise cured	Ham and ahoul- ders, can- ned	Other pork, can- ned	Sau- sage, bolo- gna, and frank- furt- ers	Variety meats, fresh or frozen ³	Other meats 3	Total ³
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1976 1976 1977	Metric tons 16,033 15,309 8,156 8,076 7,134 7,609 13,900 19,625 32,380 21,292 20,364 36,093 40,962	Metric tons 1,167 (4)	Metric tons 8,766 4,585 4,922 6,109 5,127 4,048 4,728 5,170 3,509 1,658 329 462 517 1,263	Metric tons 568 533 729 831 863 650 486 591 588 787 1,153 1,305 1,403 1,755	Metric tons 43,617 12,173 13,431 13,924 25,155 18,887 65,071 36,798 65,071 32,028 128,895 116,282 84,120	Metric tons 4,426 2,703 2,757 2,116 1,802 3,923 2,884 1,450 1,526 2,788 3,041 4,155 3,041 2,941	Metric tons 2,689 2,369 2,369 2,164 2,016 1,618 1,389 1,033 1,531 1,015 797 575 1,028 1,216 1,635	Metric fone 8,113 3,115 3,117 3,358 5,299 4,153 3,514 5,400 3,933 2,867 2,920 3,709 3,422 2,919 7,524	Metric tons 616 (*)	Metric tons 862 1.272 1.377 1.368 1.145 978 1.060 1.199 1.243 1.178 902 686 1.114 1.810 2.932	Metric tons 2,197,1776 1,615 1,593 1,970 1,876 1,830 1,909 2,585 1,2237 2,823 3,426 3,653	Metric tons 104,979 101,210 96,732 100,842 102,170 106,761 125,861 115,238 127,860 134,280 133,188 172,246 173,060 185,830	Metric stone 1,271 5,372 5,302 5,813 5,758 5,912 5,436 5,474 7,176 9,017 6,680 7,683 8,198 6,801	Metric tons 195,304 150,371 140,538 146,199 161,628 194,956 157,457 191,796 247,164 212,613 357,896 353,106

Edible animal organs.

Include sausage ingredients, cured (excluding canned); meet and meet products, canned (n.e.s.); and baby food,

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 513.-Meat: United States imports of meat subject to Public Law 88-482 (Meat Import Act), by country of origin, 1973-781

Country of origin	1973	1974	1975	19763	1977	1978
	1,000	1,000	1,000	1,000	1,000	1,000
	pounds	pounds	pounds	pounds	pounds	pounds
Canada	55,269	36,540	21,159	80,358	78,15	61,297
Mexico	67,253	40,418	29,763	82,000	60,095	62,568
Belize	188	79	20	*******	430	80
Guatemala	38,504	29,528	33,426	34,300	32,347	32,121
	9,322	12,761	5,440	10,427 35,800	3,545 40,746	7,987
	54,806	29,400	35,447	48,900	50,746	46,540
0 . 5	47,814	32,689 60,130	47,654 60,492	53,700	50,053	64,691 68,118
	2,127	2,941	3,003	3,700	2,766	534
Panama	2.060	1,699	1,559	2,600 1,900	1.262	2,484
Dominican Republic	16,155	14,319	8,607	14,086	2,089	2,212
Iceland		14,010	0,001	14,000	2,000	4,414
Ireland	21,796	44,013	6,803	4,094		******
United Kingdom	236	1.887	782	4,004		******
Australia	708.663	512,988	679,405	632,200	653,572	806,000
New Zealand	291,303	259,752	275,373	259,800	265,406	330,858
Other				*1,548	1,310	
Total 8	1.355.561	1.079,142	1.208.904	1.231.713	1.250.214	1.485,470

¹ Fresh, frozen, and chilled beef, veal, mutton, and goat (Tariff Schedule of United States, items 106.10 and 106.20). Includes meat rejected under Animal and Plant Health Inspection Service meat and poultry inspection program through 1974. Excludes canned meat and other prepared or preserved meat products.

² Beginning 1976, The Customs Service supplied data used in monitoring The Meat Import Law.

³ Reflects 1,548,000 lbs. of beef erroneously charged to Panama.

⁴ Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.

⁸ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 514. - Meat: United States imports, products weight basis, by country of origin, 1978

297 ,568 60 ,121 ,121 ,118 ,534 ,212 .484 ,212 .484 ,212 .484 ,212 .5470 .620 .620 .620

		Beef and veal		Lamb,		ď.	Pork				Variety	
Country of origin	Fresh or frozen i	Canned, including sausage	Other prepared or preserved ²	and goat, except canned	Fresh and frozen	Canned 3	Other prepared or preserved 2	Sausage, all types	Mixed	Other meats n.s.p.f. ⁶	fresh or frozen	Total
	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric	Metric
Argentina	366,140			3,832	•III	91	**		:::	991	999	372,920
nada	28,701				27,762	212	888	1.293	798		1,652	18.830
eta Rica	28,443		ane			40 500	90			0.800	******	28,44
Dominican Republic	812		3 :	*		1000	8 :	9 :	8 :	000'7		816
El Salvador	3,833					749					:	3,83
atemala	13,438		ø									13,44
	988	*******	12	104	*******	*******		*******		200	n;	1,067
londuras	13,485					7 768	287				3	19,020
and	•				15	38				- 04	139	210
xico	28,700		8	*********	*******	*******	********	6		==	47	28,800
New Zealand	163,596	16	961	13,416	******	0.100				200	Z	167,386
Nicaragua	31,104							0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		:		31,106
anama	302	********	********	*******	*******		*******					305
raguey		3,613			*******							3,613
namile		133			* * * * * * * * * * * * * * * * * * * *	7.087	124	56		9		7.40
Sweden		*******	23			16	********	-	64	-		9
ited Kingdom	17	*******	*******	*******	******	0			*******	00 4	23	9
Other		1,219	9	88	*******	2,036	46	3	:04	1,045	28	4,462
Totale	675,415	46.779	28,689	17.447	27.891	126.045	1.285	2.062	1.743	4.350	2.454	934.180

Mostly mixed luncheon meats. May not add due to rounding.

Includes prepared items.

Find Lobe pickled and cured.

Includes canned hams, shoulders, and bacon.

Fresh and cured sausage.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 515. - Meat: United States imports by type of product, 1964-78

	Bee	f and ve	al	Lamb,		Por	rk	Fill		6	-81	
Year	Fresh or frozen (1)	Can- ned, includ- ing sau- sage	Other pre- pared or pre- served (2)	mut- ton, and goat, except canned	Fresh and frozen	Canned (3)	Other pre- pared or pre- served (2)	Sau- age, all types	Mixed sau- sage	Other meats n.s.p.f.	Variety meats, fresh or frozen	Total (*)
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1973 1974 1975 1976 1977	Metric tons 320,447 265,573 346,929 381,817 426,556 468,245 524,658 517,964 600,672 611,691 489,276 549,087 547,404 564,987	Metric tons 37,98 37,98 42,073 42,449 44,440 53,514 53,349 54,185 41,971 45,568 42,593 53,902 43,124 46,779	Metric tons 4,700 10,304 15,808 17,823 31,606 30,241 33,577 34,573 25,471 24,617 18,329 30,979 25,618 28,689	tons 20,295 19,261 34,217 30,187	Metric tons 17,775 21,760 19,043 21,483 21,483 19,477 25,192 28,258 29,207 28,303 21,599 21,599 11,192 11,192 11,192 12,215 27,891	Metric tons 74,050 93,157 113,824 113,829 121,101 119,203 128,531 129,868 145,360 146,136 130,263 130,158 120,388 120,385	Metric tons 2,831 3,153 2,446 2,713 2,828 2,652 2,320 1,900 1,803 1,546 1,447 665 584 1,285	Metric tons 882 904 1,214 1,125 1,27 1,775 1,648 1,669 2,683 2,785 1,944 2,094 2,094 2,082	Metric tons 2,059 2,283 2,717 2,824 3,427 3,982 4,762 3,537 2,810 2,320 1,359 1,359 1,359 1,743	Metric tons 3,106 5,401 8,221 6,561 5,428 8,352 6,629 6,937 5,902 5,126 4,753 3,725 4,350	Metric tons 802 1,017 1,511 1,592 1,725 2,559 4,468 3,570 3,269 2,671 2,534 2,427 2,534 2,427 2,534	Metric tons 484,851 464,881 587,186 524,453 707,781 752,331 825,331 801,277 906,201 889,447 736,346 840,807 786,571 934,189

Includes prepared items.

Includes pickled and cured.

3 Includes canned hams, shoulders, and back

Mostly mixed luncheon meats; not separately classified prior to 1964.

May not add due to rounding

7 Deeliminant

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 516. - Meat: International trade, selected countries, 1975-771

	19	75	19	76	197	772
Continent and country	Exports	Imports	Exports	Imports	Exports	Imports
North America: Canada Cata Rica Dominican Republic El Salvador Guatemaia Honduras Mexico Nicaragua Panama United States	1,000 metric 78.2 39.8 5.1 3.5 21.5 22.8 17.6 29.9 1.6 164.0	1,000 metric 151.6 .1 .4 .3 .1.4 .1,020.2	1,000 metric 112.2 40.5 8.5 6.7 22.8 27.4 28.5 36.1 3.4 236.4	1,000 metric 245.8 .1 .8 (3) 2.5 (3) 1.9 1,182.4	1,000 metric 112.1 42.6 1.3 2.2 21.0 23.7 34.1 34.6 2.3 236.0	1,000 metric 194.3 (3) (3) (3) (3) (3) (3) 1,099.3
Total 4	384.0	1,174.4	522.5	1,433.7	509.9	1,300.
South America: Argentina Brazil Chile Colombia Peru Uruguay Venezuela	329.3 156.2 17.8 131.4	28.8 8.2 6.9	628.6 217.2 17.0 212.5 .5	26.5 8.4 24.3	691.6 240.0 14.9 134.6 .5	34.5 5.6 5.3
Total 4	635.3	43.9	1,075.7	59.3	1,081.6	100.

See footnotes at end of table.

Table 516. - Meat: International trade, selected countries, 1975-771-Continued

	19	775	19	76	197	73
Continent and country	Exports	Imports	Exports	Importa	Exports	Imports
Europe: Belgium-Luxembourg Denmark France Germany, Fed. Rep. of Ireland Italy Netherlands United Kingdom	1,000 metric tons 278.7 700.2 374.8 167.0 359.7 39.0 610.9 169.4	1,000 metric tons 111.7 3.2 479.1 586.0 3.3 588.7 131.2 1,090.5	1,000 metric tons 268.3 634.1 376.3 181.0 282.9 45.0 641.0 164.6	1,000 metric fons 120.5 4.1 484.4 614.0 4.7 593.0 150.6 1,129.0	1,000 metric tons 272.6 695.6 313.9 239.0 352.7 48.0 697.2 179.3	1,000 metric tons 121.2 3.8 556.2 627.0 6.2 613.0 175.3 1,254.0
Total EC	2,699.8	2,993.8	2,593.2	3,100.4	2,798.3	3,356.8
Austria Finland Greece Norway Portugal Spain Switzerland Switzerland	6.5 (*) (*) 2 1.9 38.2 1.6	8.2 7.5 50.3 16.3 30.9 71.7 35.9 24.7	7.8 8.9 (3) 2.4 32.3 1.5	23.7 (⁵) 99.5 30.0 51.4 101.9 34.1 25.7	8.1 11.6 .1 (3) 3.9 39.5 2.4	18.9 3.6 109.4 21.1 60.4 59.2 25.1 26.0
Total Western Europe 4	2,748.1	3,239.2	2,646.2	3,466.7	2,863.9	3,680.6
Bulgaria Czechoslovakia German Dem. Rep Hungary Poland Yugoslavia	70.6 15.3 35.0 130.6 157.7 86.8	17.8 12.3 13.9 13.1 15.5 8.4	77.7 18.2 46.0 93.5 147.4 98.5	16.3 22.0 15.3 28.4 43.0 8.1	80.5 18.0 50.0 85.0 137.2 82.0	17.0 21.4 15.3 44.7 98.4 27.5
Total Eastern Europe 4	496.0	81.0	481.3	133.2	452.7	224.7
Total Europe 4	3,244.1	3,320.2	3,127.4	3,599.9	3,316.6	3,905.8
Soviet Union ⁸	63.5	454.1	67.6	274.6	70.0	305.0
Africa: South Africa Morocco	20.3 1.8	82.4 2.1	26.1 1.2	62.7 1.6	41.7 1.7	58.7 8.7
Total 4	22.1	84.5	27.3	64.2	43.4	67.4
Asia: China, Taiwan India Iran Iran Japan Japan Korea, Rep. of Philippines Turkey	7.8 4.9 	26.9 53.9 33.5 569.8 (3) 12.1	25.6 9.6 (*) 8.3 .3 5.8	9.7 80.6 30.4 692.7 1.0 10.8	18.1 13.4 (3) 5.0 .5 4.0	3.8 110.6 51.3 649.0 8.0 18.8
Total 4	32.5	696.2	49.5	825.1	41.1	841.4
Oceania: Australia New Zealand	943.0 708.2	1.6	1,128.2 788.6	1.8	1,334.3 791.2	
Total 4	1,651.1	1.6	1,916.8	1.8	2,125.4	
Total selected countries 4	6,032.6	5,775.0	6,786.7	6,258.8	7,187.9	6,520.7

¹Carcass weight equivalent of beef and veal, pork, lamb, mutton and goat mest, and horse mest. Excludes fat, offals, and live animals.

²Preliminary.

³Less than 50 metric tons.

⁴Totals may not add due to rounding, and may include an allowance for missing data for countries shown.

⁵Estimate based on trading partner data.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 517.—Meats and lard: Production and civilian consumption, United States, 1964-781

		Beef			Veal		Lan	ab and mut	ton
Year		Consu	mption		Consu	mption		Consur	mption
	Produc- tion	Total	Per capita	Produc- tion	Total	Per capita	Produc- tion	Total	Per capita
1964 1965 1966 1967 1968 1969 1970 1971 1971 1972 1973 1974 1975 1976 1977	Million pounds 18,456 18,727 19,726 20,219 20,880 21,158 21,685 21,902 22,419 21,277 23,138 23,976 25,969 25,279 24,242	Million pounds 18,899 19,060 20,140 20,793 21,627 22,926 23,084 23,962 22,813 24,489 25,398 27,549 27,038 25,999	Pounds 99.9 99.5 104.2 106.5 109.7 110.8 113.7 113.0 116.1 109.6 116.8 120.1 129.3 125.9 120.1	Million pounds 1,013 1,020 910 792 734 673 588 546 459 357 486 873 853 853 853	Million pounds 990 992 881 749 707 654 581 581 545 465 376 493 876 854 836 646	Pounds 5.2 5.2 5.2 3.6 3.6 3.7 2.7 2.7 2.7 2.1 3.9 3.0	Million pounds 715 651 650 646 602 550 551 555 543 514 465 410 371 351 309	Million pounds 794 716 7719 759 738 687 657 645 684 557 483 430 396 371 342	Pounds 4.3 3.3 3.4 3.3 3.4 3.1 3.1 2.2 2.2 2.1 1.1 1.6
		Pork			All meats			Lard	
Year		Consu	mption		Consu	mption		Consu	mption
	Produc- tion	Total	Per capita	Produc- tion	Total	Per capita	Produc- tion	Total	Per capita
1964 1966 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	Million pounds 14,598 12,781 12,798 14,131 14,515 14,245 14,699 16,006 14,422 13,223 14,331 11,779 12,688 13,247 13,393	Million pounds 14,421 12,870 12,700 14,053 14,479 14,224 14,661 16,127 14,712 13,298 14,493 11,852 12,668 13,200 13,293	Pounds 76.2 67.2 65.7 72.0 73.4 71.4 72.7 79.0 63.9 69.1 56.1 59.5 61.5	Million pounds 34,782 33,179 34,084 35,786 36,731 36,626 37,523 39,009 37,843 35,371 38,420 37,038 39,881 39,711 38,576	Million pounds 35,105 33,638 34,492 36,354 37,551 37,630 38,825 40,401 39,823 37,045 39,958 41,447 41,445 40,280	Pounds 185.5 176.6 178.5 186.2 190.4 188.9 192.6 197.8 192.9 178.0 190.5 182.4 194.7 193.0 186.1	Million pounds 2,473 2,045 1,929 2,076 2,062 1,904 1,913 1,960 1,559 1,254 1,366 1,012 1,060 1,037 1,006	Million pounds 1,193 1,225 1,071 1,055 1,106 1,011 939 880 787 705 681 632 585 502 497	Pounds 6.5 6.6 5.1 5.1 4.1 4.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3

¹Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 518. - Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1964-781

	Export	s and shipm	ents to Ter	ritories			Imports		
Year	Beef and veal	Lamb and mutton	Pork ²	All meat	Beef	Veal	Lamb and mutton	Pork ²	All meat
964	Million pounds 96 97	Million pounds 2	Million pounds 254	Million pounds 352	Million pounds 1,068	Million pounds 17	Million pounds 79	Millions pounds 313	Millions pounds 1,47
966 967	88 94	5 6 7	149 158 164 208	250 251 264 309	923 1,182 1,313 1,500	19 22 15 18	72 136 121 147	382 430 440 462	1,39 1,77 1,88
969 970	94 87 104 121 124	6 7 8 7	208 260 194 198 236	264 309 353 305 327	1,615 1,792 1,734	25 24 22 36 31	153 122 103	450 491 496	1,88 2,12 2,24 2,42 2,35 2,68 2,60 2,16 2,24 2,60
772 773 774	152	6	236 279 204 317	367 437 342	1,960 1,990 1,615		148 53 26 27 36	538 533 488	2,68 2,60 2,16
775 776 777	124 170 181 221	8 8 7 6	317 421 399 421	449 598 586 646	1,788 2,073 1,939 2,297	31 24 22 24 24 25	27 36 22 39	439 469 439 495	2,24 2,60 2,42 2,85

¹Carcass weight equivalent of all mest, including the mest content of minor mests and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, and Guam, 1964; included Wake Island also, 1965–69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

²The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 517.)

³Preliminary.

34546

1738420733

Economics, Statistics, and Cooperatives Service—Economics. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 519.—Hides, packer: Average price per pound, Chicago, 1964-781

		Ste	ers			Cows		В	ills
Year	Heavy native	Heavy Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
964	10.32	8.18	8.47	7.59	11.20	13.23	8.95	7.44	6.44
965	13.93	12.07	12.39	11.58	14.00	15.60	12.57	9.17	8.17
966	17.42	16.17	16.33	15.64	18.12	20.21	16.65	12.28	11.26
967	11.73	(2)	10.31	9.60	12.43	16.34	10.80	(2)	(2)
968	11.84		9.51	8.51	11.75	15.73	9.64		
969	14.38	*****	12.48	11.59	14.85	18.35	12.95		
970	12.85		11.80	9.95	13.44	16.98	11.35		
971	14.53		11.95	10.80	14.17	17.03	11.63		
972	29.79		27.42	26.02	30.12	34.76	28.21		
973	33.78		28.83	26.24	34.14	38.72	29.01		
974	23.38		19.77	18.13	23.46	27.19	19.61		
975	23.25		20.67	18.82	21.60	23.80	17.51		
976	36.11		33.41	31.33	36.25	40.65	33.02		
977	37.29		36.21	34.75	39.21	51.00	36.04		
978	46.54		41.83	42.64	45.55	51.42	45.24		

¹ Data through 1966 compiled from Pratt's Daily Hide and Leather Market; beginning 1967, prices are obtained from Livestock Market News and National Provisioner.
² Not reported, beginning 1967.

Economics, Statistics, and Cooperatives Service - Economics.

Table 520.—Hides and skins: United States imports and exports, 1964-78

		Imp	ports			Exp	orta	
Year	Calf and kip	Cattle 1	Goat and kid	Sheep and lamb ²	Calf	Kip	Cattle 3	Sheep and lamb 3
1964 1965 1966 1966 1967 1968 1970 1971 1972 1973 1974 1976 1976 1976	1,000 pieces 2,010 1,085 680 838 794 680 542 235 261 437 439 222 93 91 179	1,000 pieces 315 302 221 233 493 277 386 276 292 709 520 959 962 932 704	1,000 pieces 12,882 14,412 10,331 7,109 5,203 5,068 3,028 1,966 3,355 1,624 583 879 1,255 1,137 1,762	1,000 pieces 29,617 27,887 27,893 20,299 30,825 20,716 18,886 19,283 16,852 12,894 15,732 15,520 16,615 15,468 17,807	1,000 pieces 2,111 1,985 2,076 1,968 1,816 1,238 1,074 1,968 1,621 1,608 1,802 2,051 1,657 2,052 2,313	1,000 pieces 280 474 519 494 387 414 241 254 451 279 365 352 352 352 353	1,000 piscas 11,502 13,309 14,189 11,852 12,878 14,778 15,222 17,578 16,866 16,429 21,269 21,269 22,270 24,484 24,792	1,000 pieces 3,06 2,87 2,42 3,78 3,92 3,82 3,82 5,92 5,87 5,78 4,88 4,57 3,40 4 83 4,57 3,40 4 83 4,57

Excludes pieces of cattle hides reported in units of pounds.
 Includes cabretta and hair sheepskins.
 Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.
 Schedule B numbers 211,6000 and 211,7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.
 Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 521.—Hides and skins: United States imports by country of origin, 1976-78

Country of origin	1976	1977	19781	Country of origin	1976	1977	19781
Cattle hides: 2 Canada	1,000 pieces 958	1,000 pieces 926	1,000 pieces 694	Goat and kid — Continued Other countries	1,000 pieces 56	1,000 pieces 36	1,000 pieces 128
Other countries	4	6	3	Total	1,255	1,137	1,767
Total	962	932	704	Sheep and lambe: 8			
Calf and kip: Canada France Other countries	91	83 5 3	168 3 8	Afghanistan Ethiopia United Kingdom South Africa Iran Australia	952 167 246 336 5,345	573 140 57 794 4,127 104	504 63 75 760 3,808 343
Total	93	91	179	New Zealand	7,409	7,328	10,026
Goat and kid: Afghanistan Haiti Ethiopia Nigeria Chile Indonesia Australia	188 291 241 9 215	50 292 99 48 14 216	101 498 295 14 36 371	Germany, Fed. Rep. of France Turkey Ireland Canada Sodan Nigeria Other countries	27 207 334 74 121 333 704 302	48 214 386 30 71 675 684 237	108 600 592 473
Iran	233 16	374 3	312	Total	16,615	15,468	17,807

Preliminary.
 Excludes pieces of cattle hides reported in units of pounds.
 Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 522.—Hides and skins: United States exports by country of destination, 1976-78

Country of destination	1976	1977	19781	Country of destination	1976	1977	19781
Cattle hides: 2 Canada Mexico France Germany, Fed. Rep. of Italy Spain Romania Chins, Taiwan Korea, Rep. of	1,000 pieces 1,057 1,708 816 518 1,561 957 1,651 847 3,270	1,000 pieces 860 1,966 769 435 1,048 940 1,472 843 3,611	1,000 pieces 1,093 1,938 555 379 1,284 1,020 1,942 1,018 3,720	Calf skins: Canada Mexico Cacchoslovakia Germany, Fed. Rep. of Italy Korea, Rep. of Spain Japan Other countries	1,000 pieces 180 43 11 99 141 120 27 818 218	1,000 pieces 452 36 70 62 197 88 113 937 97	1,000 pieces 734 282 39 369 54 35 697 103
Japan	9,356 678 2,851	8,425 680 3,435	8,797 586 2,460	Total	1,657	2,052	2,313
Total	25,270	24,484	24,792	Kipekins: Canada	32 27	62 13	34
Sheep and lamb skins: 3 Canada Japan Brazil Germany, Fed. Rep. of Italy United Kingdom Poland Uruguay Other countries	362 536 193 219 303 696 445 53 602	11 107 28 39 298 22 109 1 220	92 9 23 75 515 73 122 77 346	Korea, Rep. of Italy Germany, Fed. Rep. of Yugoslavia Hungáry Venezuela Japan Other countries Total	145 2 10	13 17 2 30 138 8 96 81	333 200 106 148 351
Total	3,409	835	1,332				

Preliminary.
 Excludes pieces of cattle hides reported in units of pounds.
 Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 523. - Mink pelts: Number produced by color class, United States, 1969-77

Year	Stand- ard	Demi- buff (1)	Pastel	Pale brown	Sap- phire	Gun- metal	Plati- num	Pearl	Lav- ender hope	Pink (1)	Violet type	White	Mis- ceila- neous and unclas- sified	Total pelts
1969 1970 1971 1971 1972 1973 1974 1974 1976 1976	1,000 pelts 1,400 1,591 1,226 1,065 1,088 880 951 995 1,048	1,000 pelts 308 481 533 2530	1,000 pelts 1,634 1,351 1,059 1,015 1,075 992 700 661 739	1,000 pelts 63.2 57.7 19.6 25 19.2 5.9 15 9	1,000 pelts 317 219 171 143 136 117 84 65 78	1,000 pelts 66.4 64.0 50.1 49.7 52.9 57 83 47 50	1,000 pelts 25.3 20.7 12.7 10 14.2 15.1 12 6 5	1,000 pelts 910 587 397 302 310 337 337 270 234	1,000 pelts 177 95.0 40.7 21 22.9 18.4 17 20 16	1,000 pelts 47.3 59 71 61	1,000 pelts 681 455 345 286 261 270 257 239 205	2,000 pelts 145 79.3 50.5 44.6 55.9 75 93 90 83	1,000 pelts 35.6 12.3 8.5 4.9 2.1 5.3 8 20 13	1,000 pelts 5,455 4,532 3,380 2,965 3,037 3,128 3,067 3,026 3,073

Estimated as separate color class, beginning 1974; included in Pale Brown, Pastel, and Standard classes in previous

years.

³This color class included "Ranch wild" types in 1977.

Total	1,000 132 118 118 119 119 111 111 111 111 111 111	3.073
Miscella- neous and unclassi- fied	(3) (1) (2) (3) (4) (5) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	13
White	1,000 pells 2,4 3,1 3,1 4,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1	83
Violet type	23 23 23 23 24 24 (*) (*) (*) (*) 24 25 21 21 21 21 21 21 21 21 21 21 21 21 21	306
Pink .	1,000 petts (3) 8,84 (4,2) (3) (4,2)	61
Lavender	1,000 pells (3) (3) (2) (3) (3) (4) (4) (5) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	16
Pearl	1,000 pelfs 712 120 (1) 19.5 (1) 19.5 (2) 19.5 (3) 9.5 (3) 9.5 (4) 12.3 (3) 2.6 (4) 12.3 (4) 12.3 (5) 2.6 (7) 2.6 (8)	234
Platinum	1,000 petfs (1) (2) (2) (3) (3) (3) (4) (5) (6) (6) (6) (6) (6) (7) (8) (8) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	10
Gunmetal	1,000 parter parter (;) 3,23 3,04 1,15 1,15 1,15 1,15 1,15 1,15 1,15 1,1	98
Sapphire	1,000 pelos 1,000 1,	78
Pale brown	23 23 23 24 14 14 14 14 14 14 14 14 14 14 14 14 14	"
Pastel	1,000 1,100 1,110 1,10 1,	739
Demi- buff ¹	1,000 peter (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	930
Standard	1,000 pells 59.0 58.0 53.0 30.0 30.2 30.2 30.2 46.3 112.2 112.2 46.3 112.8 30.4 332.6 332.6 53.0 46.3 112.8 332.6 322.6 332.6 322.6 332.6 322.6 332.6 32 332.6 332.6 332.6 332.6 332.6 332.6 332.6 332.6 332.6 332.6 332	1,048
State	ind	SD

¹This color class includes "Ranch wild" types.

Included in total to avoid disclosing individual operations.

Table 525. - Livestock: Number of animals slaughtered under Federal inspection and number of whole carcassess condemned, 1964-78

Wass	C	attle	a	alves	Sheep and lambs		Goata		Hogs		Horses	
Year	Total	Con- demned 1	Total	Con- demned ¹	Total	Con- demned ¹	Total	Con- demned 1	Total	Con- demned 1	Total	Con- demned
	Thousands	Thou-	Thou-	Thou-	Thousands	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
964 .	25,133	70.6	4,820	20.7	12,947	59.1	191	1.2	71,667	122.7	sands 36	sands 0.
965 .	26,614	80.5	5.076	20.3	11.710	57.3	313	2.3	63,706	102.1	36	0.
966 .	27,319	74.5	4.432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	
967 .	27,780	71.8	4,002	22.3	11,516	67.8	494 393	4.0	70,915	105.8	57	
968 .	29,592	77.6	3,876	23.9	10,888	53.9	393	2.0	74,789	110.1	66	
969 .	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	
970 .	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.
1971 .	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	
1972 .	32,267	97.0	2,421	17.4	9,905	44.3	146		78,759	155.7	65	
1973 .	30,521	91.8	1,808	13.3	9,234	40.6	87	*****	72,264	145.6	165	
974 .	33,319	100.1	2,355	16.4	8,556	37.3	72		77,071	155.2	207	****
1975 .	36,904	111.0	3,894	26.6	7,552	32.9	49	*****	64,926	131.2	247	
1976 .	38,992	117.0	4,438	30.8	6,474	27.9	41	*****	70,454	140.4	293	
977 .	38,717	121.9	4,696	63.3	6,133	31.5	45	.3	74,019	198.9	317	3
1978 .	36,948		3,620		5,169		45	*****	74,139		323	

¹Condemnations for 1964-76 do not include ante-mortem cases of parts of carcasses. Condemnations for 1977 include ante-mortem and post-mortem inspection.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 526. - Livestock and poultry inventory: Index numbers, United States, Jan. 1, 1964-791 [1967 - 100]

	Year	Total livestock and poultry	Meat animals	Milk cattle ²	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle ²	Poultry
1964 1965 1966 1967 1968 1969 1970 1971		101 101 99 100 100 101 102 105	101 101 99 100 100 101 102 105	125 112 106 100 96 92 89 87	89 92 93 100 97 95 96 98	1972	107 109 114 116 112 109 104	107 109 114 116 112 109 104	87 86 84 84 83 82 82 82	95 92 94 86 87 86 86

¹For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1967 sales values relative to milk cows a rollows: Milk cows, 1.00; bed cattle and calves, 0.71; hogs, 0.17; hesep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. For 1965 and thereafter, milk cows and heifers that have calved are used in place of milk cows two years old and older; turkey breeder hens on hand De. 1 preceding year are used in place of all turkeys on hand Jan. 1; all chickens (sexcluding commercial broilers) on hand Dec. 1 preceding year are used in place of all thickens on hand Jan. 1. Hogs and pigs relate to Dec. 1 preceding year.

²Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet

cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose. Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production, turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 527.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1965-79

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
1965	Thousands 15,380 14,490 13,725 13,115 12,550 12,091 11,909 11,776	Thousands 4,780 4,450 4,215 4,080 3,980 3,880 3,843 3,823	1973 1974 1975 1976 1977 1977 1978	Thousands 11,622 11,297 11,220 11,087 11,035 10,939 10,853	Thousands 3,872 3,941 4,087 3,968 3,886 3,896 3,936

¹ Preliminary.

359

Table 528.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan.1, 1978 and 1979

State	Milk cows and heifers that have calved Heifers 500 pounds and o kept for milk replacement		and over milk cow	State	heifer	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1978	19791	1978	19791		1978	19791	1978	19791
	Thou-	Thou-	Thou-	Thou-		Thou-	Thou-	Thou-	Thou-
	sands	sands	sands	sands		sands	sands	sands	sands
Ala	85	84	17	15	Nebr	128	123	26	35
Alaska	1.4	1.3	.5	.5	Nev	15	15	7	1 6
Ariz	68	70	10	15	N.H	31	30	13	15
Ark	90	90	21	26	N.J	47	43	13	14
Calif	846	860	310	391	N.Mex	31	33	12	
Colo	72	72	25	28	N.Y	915	904	341	336
Conn	51	49	18	18	N.C	146	143	38	36
Del	12	12	3	3	N.Dak	104	97	23	36 22 163
Fla	197	189	37	38	Ohio	398	382	158	163
Ga	129	129	44	33	Okla	114	112	30	20
Hawaii	13	13	8	8	Oreg	93	93	30	31
Idaho	138	141	66	87	Pa	703	703	237	230
m	233	236	89	100	R.I	5	5	2	1
Ind	208	202	83	84	S.C	56	51	14	1.2
lowa	380	374	164	126	S.Dak	170	169	47	36
Kans	140	136	42	37	Tenn	205	210	59	
Ky	277	265	97	81	Tex	314	310	90) ä
La	129	127	29 23	33	Utah	76	77	41	33 66 94 37
Maine	58	56	23	21	Vt	195	189	61	6
Md	136	134	47	41	Va	171	172	84	60
Mass	51	46	16	15	Wash		190	64	90
Mich	404	402	184	149	W.Va		37	12	13
Minn	850	850	329	333	Wis	1810	1810	696	713
Mins	110	103	28	26	Wyo	12	11	3	1 1
Mo	282	276	96	100		10	**	- 0	
Mont	27	27	8	8	U.S	10.939	10.853	3,896	3,936

1 Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 529.—Dairy product-feed price ratios: Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1964-781

Year	Milk- feed price ratios ²	Value per 100 pounds of grain and con- centrates fed to milk cows	Year	Milk- feed price ratios 2	Value per 100 pounds of grain and con- centrates fed to milk cows	Year	Milk feed price ratios ²	Value per 100 pounds of grain and con- centrates fed to milk cows
1964	Pounds 1.38 1.40 1.53 1.56 1.69	3.03 3.15 3.22	1969 1970 1971 1972 1973	Pounds 1.74 1.74 1.70 1.72 1.46	3.52	1974	Pounds 1.34 1.40 1.53 1.57 1.75	Dollars 6.23 6.26 6.31 6.20 6.07

¹ Annual ratios based on average of monthly ratios.
² Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.
³ Preliminary.

Table 530. — Milk cows rations: Quantities and value of concentrates fed, by States, 1977 and 1978

	G	fain and other fed during ca	r concentrate lendar year		Value p pound concep	is of
State	Per	cow	Per 100 of milk p	pounds roduced	ration during th	s fed
	1977	1978	1977	1978	1977	1978
	Pounds	Pounds	Pounds	Pounds	Dollars	Dollars
Ala	4,260	4,400	53	56	6.95	6.76
Ariz	5,430	6,460	41	49	6.10	6.18
Ark	3,490	3,720	42	46	6.44	6.28
Calif	5,930	6,030	41	43	5.98	5.90
Colo	5,130	5,210	43	43	5.46	5.58
Conn	4,920	5,140	41	42	6.82	6.6
Del	4,340	4,520	38	41	6.86	6.70
la	5,750	5,950	58	59	5.93	5.81
a	5,370	5,700	54	. 57	6.86	6.83
daho	3,860	4,200	34	36	5.31	5.2
11	4,450	4,370	42	42	6.23	5.8
nd	4,470	4,720	41	44	6.19	6.13
owa	5,050	5,030	46	47 51	5.70	5.73
Cans	4.440	4,400	50	51	6.47	6.5
	4,790	4,900	58	59	6.79	6.7
Maine	4,840	4,920	44	44	7.09	6.9
Vid	4.810	4,940	42	43	7.01	6.8
Mans	4.710	4.650	40	39	6.86	6.6
Mich	4.610	5,110	39	43	5.81	5.7
dinn	4.270	4.450	39	41	5.60	5.3
diss	4.060	4.260	53	54	6.72	6.4
do	4,960	5,080	50	51	5.97	5.9
dont	4,260	4,570	39	41	5.53	5.3
Nebr	4,240	4,500	42	44	5.36	5.3
Nev	4,430	4,610	32	36	5.91	5.8
N.H	4,160	4,060	38	37	6.88	6.7
V.J	4,450	4,670	38	40	7.03	6.8
N. Mex	6,180	6,380	45	46	6.02	6.0
N.Y	4,030	4,170	36	36	6.83 7.06	6.6
N.C.	4,840 3,430	5,150 3,870	44 39	47 42	4.95	6.9
N. Dak	4,780	4,790	42	43	6.37	6.2
Okla	4,920	5,110	51	53	6.01	6.0
Oreg	4,190	4,350	37	38	6.68	6.4
a	4,650	4,730	42	42	6.85	6.7
8.1	4.220	4,560	37	39	6.87	6.5
3.C	4.840	5,010	51	53	7.15	7.0
3. Duk	4,200	4,140	43	44	5.56	5.2
Cenn	4,660	5,010	48	49	6.88	6.7
Tex	6,200	6,510	58	59	6.02	6.0
Jtah	4,560	4,550	38	37	5.50	5.5
Vt	4,060	4,150	37	36	7.07	6.8
Va	4,220	4,640	38	42	7.18	7.0
Wash	5,080	5,190	35	36	6.45	6.3
W. Va	3,420	3,720	39	40	7.25	7.1
Wis	4,320	4,460	37	38	5.93	5.6
Wyo	3,680	3,900	35	37	5.50	5.4

Table 531.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1964-79

					Officia	l plans		
Year	Associa- tions 1	Super- visors 1	Herds	Cows	Cows per herd	Average production		
			and a			Milk	Mill	kfat
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1973 1974 1975	Number 1,420 1,424 1,418 1,344 1,318 1,289 1,267 1,274 1,247 1,231 1,130 1,106	Number 2,474 2,439 2,378 2,319 2,204 2,225 2,201 2,186 2,164 2,209 2,183	Number 40,670 40,075 38,879 37,689 35,617 34,308 33,996 33,197 33,578 33,146 32,222	Number 2,010,144 2,087,581 2,058,592 2,098,919 2,131,929 2,138,963 2,122,011 2,218,402 2,244,685 2,359,611 2,416,669 2,432,961	Number 49.4 52.1 52.9 55.7 57.8 60.1 61.9 65.3 67.6 70.3 72.9 78.5	Pounds 11,685 11,976 12,127 12,397 12,553 12,750 13,000 13,226 13,287 13,163 13,163	Percent 3.83 3.82 3.81 3.80 3.80 3.79 3.79 3.76 3.76 3.76 3.76 3.76	Pounda 447 457 465 466 477 476 483 489 499 490 500
1976	1,051 1,028 1,046 1,045	2,218 2,266 2,432 2,541	32,232 33,755 34,972 36,138	2,438,365 2,581,164 2,704,064 2,794,068	75.7 76.5 77.3 77.3	13,632 14,435 14,631	3.75 3.73 3.70	506 511 536 543

Includes all plans.

Science and Education Administration.

Table 532.—Cattle: Tuberculin tests in cooperation with States, 1964-78

			Tubercul	in tests				
Year	Herds	Cattle	Infected					
are by a second	and lots	Cann	Herds and lots		Cattle			
1964 1965 1966 1966 1968 1968 1970 1971 1972 1973 1973 1974 1975 1976 1977	Number 318,039 304,917 282,948 212,487 165,767 151,087 133,150 120,605 103,548 102,510 101,734 94,769 103,441 98,487 103,037	Number 8,525,881 7,187,083 6,451,222 5,486,715 4,485,124 4,390,514 4,044,986 3,530,220 2,881,398 2,967,458 2,967,458 2,484,550 2,823,204 2,884,550 2,232,204	Number 2,690 1,672 1,317 1,014 662 544 421 349 235 163 231 158 298 179 92	Percent 0.85 .55 .52 .48 .40 .36 .32 .29 .23 .16 .29 .18 .09	Number 7,363 5,567 3,540 4,119 2,830 2,923 2,574 2,528 2,353 1,512 1,573 1,306 1,879 4,733 4,733	Percent 0.1: 0.0: 0.0: 0.0: 0.0: 0.0: 0.0: 0.0:		

Animal and Plant Health Inspection Service.

Table 533.—Cattle: Brucellosis work in cooperation with States, 1964-78

Year	1	Milk ring tests 1		Market cattle blood tests			
1 car	Herd testa	Suspicious !	herd tests	Cattle tested	Reactor cattle		
964 965 966 967 968 968 969 970 971 972 973 974	Number 1,815,644 1,811,259 1,682,994 1,620,586 1,478,983 1,336,191 1,141,249 1,143,707 984,825 895,346 881,195 841,392 730,737	Number 16,874 14,759 10,466 8,591 6,569 6,233 3,504 2,760 2,210 2,580 2,247 2,642 2,066	Percent 0.9 .8 .6 .5 .4 .5 .3 .2 .2 .3 .3 .3 .3	Number 2,673,782 4,587,533 4,587,710 4,617,431 4,987,570 4,818,267 6,381,853 7,815,629 10,007,454 13,524,598 13,999,367	Number 39,800 49,035 44,041 41,412 34,613 28,167 23,092 29,926 39,866 55,399 72,348 90,949 88,443	Percent	

	111	Cattle	blood tested	on farm or ra	mch ²		Adjusted	
Year	Herd or lot tests	Infected or i		Cattle tested	Reacat		cattle infection rate ³	Calves vaccinated
1964 1965 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	Number 41,846,960 42,036,446 11,258,186 416,256 367,971 274,724 254,406 225,022 214,759 219,167 228,897 238,184 258,710 268,750 271,335	Number 460,799 450,779 450,252 31,855 30,664 23,137 24,033 21,117 23,588 26,654 34,144 37,117 36,901 32,904 28,846	Percent 3.3 2.6 3.1 7.7 8.3 8.4 9.1 9.4 11.0 12.2 14.9 15.6 14.3 12.2 10.6	Number 8,990,118 7,457,973 6,876,122 7,337,243 6,858,279 5,406,185 5,439,642 4,973,422 5,361,680 6,073,077 6,947,008 7,454,452 7,247,352 6,895,966	Number 95,629 77,184 83,665 111,230 110,995 88,484 96,666 85,138 97,585 113,453 157,027 181,214 181,165 166,607 154,877	Percent 1.1 1.0 1.2 1.5 1.6 1.8 1.9 2.0 2.1 2.6 2.6 2.4 2.3 2.2	Percent 0.6 .5 .6 .6 .6 .6 .7 .7 .8 .9 .9 .9	Number 7,154,257 6,903,760 6,483,993 6,331,556 5,837,646 5,837,646 3,909,944 4,116,646 3,973,908 4,101,475 3,720,441 3,779,108 3,780,309 4,269,151

Animal and Plant Health Inspection Service.

¹ Represents multiple milk ring tests each year for the commercial dairy herd.
² Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.
³ Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.
⁴ Includes the number of market cattle lots tested and found infected.

Table 534.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1964-78

			Product	ion of milk and m	ilkfat²		
Year	Number of milk cows 1	Per mil	k cow	Percentage of	Total		
		Milk	Milkfat	fat in all milk produced	Milk	Milkfat	
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976	Thousands 15,677 14,953 14,071 13,415 12,832 12,307 12,000 11,839 11,700 11,413 11,230 11,143 11,055 10,974	Pounds 8,099 8,005 8,522 8,651 9,135 9,434 9,751 10,015 10,259 10,119 10,293 10,350 10,879 11,181	Pounds 300 307 314 327 335 346 357 367 377 370 377 380 399 409	Percent 3.70 3.70 3.69 3.69 3.67 3.66 3.66 3.66 3.66 3.66 3.66 3.66	Million pounds 126,987 124,180 119,912 118,732 117,225 116,108 117,007 118,566 120,025 115,491 115,886 115,334 120,269	Millian pounds 4,69 4,42 4,37 4,30 4,26 4,28 4,34 4,41 4,22 4,23 4,23 4,24 4,41 4,41 4,42 4,43 4,44 4,44 4,48	

Average number during year, excluding heifers not yet fresh.
Excludes milk sucked by calves.
Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 535. - Milk: Quantities used and marketed by farmers, United States, 1964-78

	Milk	used on farm	s where pro	oduced	M	ilk markete	d by produc	eiz
Year	Fed to	Consumed	Used for		Sold to plants and dealers ²		Sold	
	calves 1	as fluid milk or cream	farm- churned butter	Total	As whole milk	As farm- separated cream	to con- sumers 3	Total
1964 1965 1966 1967 1968 1968 1969 1970 1971 1972 1973 1974 1975 1976	Million pounds 2,152 2,061 1,990 1,891 1,745 1,702 1,635 1,624 1,556 1,567 1,562 1,548	Million pounds 3,742 3,443 3,131 2,865 2,616 2,397 52,306 2,117 1,914 1,766 1,643 1,505 1,404 1,295	Million pounds 595 470 361 287 225 173	Million pounds 6,489 5,974 5,472 45,164 4,662 4,315 4,008 3,752 3,538 3,350 3,201 3,072 2,966 2,843	Million pounds 114,176 112,720 109,699 109,433 108,811 110,689 112,242 114,152 109,948 110,385 115,558 118,172	Million pounds 4,439 3,652 2,995 2,374 1,972 1,606 1,193 1,000 798 673 421 314 230 186	Million pounds 1.863 1.834 1.746 1.760 1.780 1.572 1.537 1.520 1.544 1.563 1.515 1.498	Million pounds 120,471 118,200 114,444 113,561 112,568 1112,99 114,814 112,381

Excludes milk sucked by calves.

Includes milk produced by dealers' own herds.

Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional berds.

Includes some milk used for other purposes on farms or not utilized.

Includes milk used for farm-churned butter, beginning 1970.

Preliminary.

Table 536.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1977

			Producti	on of milk and	milkfat 1	
State	Number of milk cows 1	Per m	ilk cow	Percentage of fat in	Tot	al
		Milk	Milkfat	all milk produced	Milk	Milkfat
					Million	Million
	Thousands	Pounds	Pounds	Percent	pounds	pounds
a	85	8,047 10,933	293	3.64	684	25
nska	1.5	13.246	375 473	3.43	914	33
k	89	8,146	286	3.51	725	25
if	827	14,472	517	3.57	11,968	427
0	71	11,944	424	3.55	848	30
an	52	12,000	444	3.70	624	
	12.2	11,393	420	3.69	139.0	
	198	10,066	353	3.51	1,993	70
	129	9,985	367	3.68	1,288	4
waii	13.0	11,538 11,348	396 407	3.43	150.0	5
ho	141	10,748	397	3.69	1,600 2,515	9
	208	10,913	409	3.75	2,270	8
70	386	10,440	382	3.66	4,030	14
ns	140	10,436	379	3.63	1,461	5
	278	8,727	322	3.69	2,426	9
	132	8,250	302	3.66	1,089	4
ine	58	11,000	403	3.66	638	2
	138	11,413	421	3.69	1,575	5
	51	11,706	431	3.68	597	2
ch	403	11,814	436	3.69	4,761	17
nn	866	10,950	393	3.59	9,483	34
•	112 298	7,661 9,792	282 354	3.68	858	3
nt	27	10.963	396	3.62	2,918 296	10
br	133	10,105	369	3.65	1,344	4
V	14.3	13,846	479	3.46	198.0	
1	31	10,935	408	3.73	339	1
	47	11,681	432	3.70	549	2
Mex	31	13,742	471	3.43	426	1
	914	11,186	402	3.59	10,224	36
	145	10,979	403	3.67	1,592	5
Dak	107	8,916	317	3.55	954	3
io	400	11,138	412	3.70	4,455	16
la	116	9,655 11,312	342 432	3.54	1,120 1,052	:
	703	11,083	412	3.72	7,791	29
	5.0	11,400	416	3.65	57.0	25
	55	9,509	368	3.87	523	2
Dak	171	9,766	349	3.57	1.670	6
nn	208	10,486	392	3.74	2.181	8
	315	10,705	377	3.52	3,372	11
ah	78	12,000	427	3.56	936	3.7
*****************	191	10,995	405	3.68	2,100	7
		11,012	403	3.66	1,905	71
wh		14,466	538	3.72	2,546	9
Va	38	8,763	324	3.70	333	1
#	1,802	11,676 10,690	437 388	3.74	21,041	78
	11.6	10,690	388	3.63	124.0	
U.S	10.974	11,181	409	3.65	122,698	4.48

Average number during year, excluding heifers not yet fresh.
Excludes milk sucked by calves.

Table 537.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1978 (preliminary)

			Production of milk and milkfat 2							
State	Number of milk cows 1	Per mil	ik cow	Percentage of fet in	Tot	al				
		Milk	Milkfat	all milk produced	Milk	Milkfat				
					Million	Million				
the state of the s	Thousands	Pounds	Pounds	Percent	pounds	pounds				
	84	7,857	284	3.61	660	24				
aska	68	10,571	354 474	3.35	14.8 896	32				
k	89	8,090	289	3.57	720	31				
dif	846	14,027	506	3.61	11,867	42				
lo	72	12,111	432	3.57	872	3 2				
an	50	12,240	453	3.70	612	2				
1	11.7	11,026	408	3.70	129.0					
	193	10,093	350	3.47	1,948	6				
waii	129	10,000	365	3.65	1,290	4				
iho	140	11,628	403	3.47	1,633	8				
	231	10,403	385	3.70	2,403					
	203	10,729	402	3.75	2,178	8				
	377	10,700	394	3.68	4.034	14				
ins	138	10,130	370	3.65	1,398	5				
	269	8,632	318	3.68	2,322	8				
	128	8,305	303	3.65	1,063	3 2 5				
ine	134	11,193 11,493	410 424	3.66	1,540	2				
	48	11,917	437	3.69	572	2				
ch	403	11,893	439	3.69	4,793	17				
nn	837	10.859	392	3.61	9,089	32				
	106	7,887	291	3.69	836	3				
	277	9,964	363	3.64	2,760	10				
ont	27	11,148	400	3.59	301	1				
br	124	10,234	376	3.67	1,269	4				
H	30	12,810 10,967	450 410	3.51	188.3 329	1				
7	45	11,667	431	3.69	525	i				
Mex	33	13,879	482	3.47	458	i				
Y	906	11,582	418	3.61	10,493	37				
C	143	10,958	400	3.65	1,567					
Dak	100	9,210	331	3.59	921	. 3				
io	384	11,133	413	3.71	4,275	15				
ia	113	9,646 11,452	344 439	3.57	1,090					
	700	11,259	421	3.74	7,881	28				
	4.7	11,702	428	3.66	55.0	-				
	54	9,444	365	3.86	510	1				
Dak	170	9,412	337	3.58	1,600	5				
nn	209	10,230	382	3.73	2,138	. 8				
	311	11,039	392	3.55	3,433	12				
ah	76 189	12,303 11,534	436 426	3.54	935 2,180	3				
	172	11,058	404	3.69	1,902	6				
ash	186	14,419	534	3.70	2,682	9				
Va	37	9.297	344	3.70	344	1				
	1,811	11,735	440	3.75	31,252	79				
yo	11.1	10,541	378	3.59	117.0					

¹ Average number during year, excluding heifers not yet fresh.
² Excludes milk sucked by calves.

Table 538.—Milk: Quantities used and marketed by producers, by States, 1978 (preliminary)

		Milk used	on farms when	re produced		Milk market	ed by farmers	
Calves Cream, and butter Consumers Consumers	State				Sold to and de	plants calers ³	Sold	
			cream,	Total		separated	directly to	Total
18	vris vris alif alif colo cons bel la se	Pounds 5 3 5 10 70 30 6 1.7 23 23 28 4 8 11 52 110 328 825 142 122 266 13 205 55 142 122 266 13 205 55 142 122 266 13 205 55 142 122 266 13 205 55 142 21 226 24 19 24	20 4 1 25 10 16 5 2 12 110 115 13 14 44 16 111 2 27 47 47 16 28 10 25 2 3 3 9 88 50 15 148 22 9 55 18 18 11 11 11 17 34 8	pounds 25.7 6	pounds 615 13.7 850 670 11,430 785 8585 1,255 1,255 1,255 1,255 1,265 2,125 3,885 2,125 3,885 2,125 615 1,005 633 4,675 8,925 810 2,680 2,680 2,680 2,680 1,040 4,675 8,925 1,040 4,675 8,925 1,040 4,680 1,040 4,150 1,485 1,040 2,680 7,450 1,485 1,510 2,030 3,3770 8,75 2,135 1,840 2,520	2 6 17 17 14 14 14 14 14 14 14 14 14 14 14 14 14	pounds 40 15 357 41 16 1 5 9 (*) 13 2 11 15 7 23 11 15 8 8 32 8 32 8 14 15 9 25 14 15 9 26 15 16 30 40 4 9	pounds 6135 144 8000 685 11,787 601 126 1,274 1,580 1,274 2,142 2,142 2,142 3,142 3,142 1,037 623 1,037 623 1,513 8,832 1,219 1,513 1,057 2,515 1,513 1,057 1,513 1,506 8,800 4,181 1,056
110	is			523 7	20,715	i	14 3	20,729

¹ Excludes milk sucked by calves.

² Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.

³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

⁴ Combined with whole milk to avoid disclosing individual operations.

Table 539.—Milk: Production and utilization in specified countries, 1976-78

	KIND H	Production			Utilization 1	
Country	Milk cows	Production per cow	Total milk production 1	Pluid milk	Factory	Feed
	1,000		1.000	1.000	1.000	1.000
1976: Canada	head	Kilograms	metric tons	metric tons	metric tons	metric tons
United States	1,979 11,055	3,883 4,935	7,685 54,554	2,553	4,631	50
Attatain	1,015	3,209	3,277	26,020	27,825	70
Belgium and Luxembourg	1,059	3,629	3,843	1,132 729	1,662 2,856	48
Denmark France	1,106 10,230	4.561	5,045	758	4,162	25 12 6,79
France	10,230	4,561 2,887	30,801	3,375	20,628	6.79
Germany, Fed. Rep. of	5,400	4.105	22,165	3,619	17,558	98
Greece	465 1,436	1,495 2,757	1,704	629	1,075	1
Italy	2,897	3,304	3,959	630 3,890	3,221 5,453	10
Italy . Netherlands	2,220	4.725	10,490	1,983	8,349	89 15
Norway	386	4,860 4,883	1.898	934	929	100
Sweden	665	4,883	1,898 3,247	1,320	1.846	31
Switzerland	888	3,887	3.473	752	2,321	400
Janan	3,228 928	4,182	13,500	7,600	5,825	7
Japan	2.345	5,670 2,738	5,262 6,421	3,314 1,576	1,830 4,815	11
New Zealand ³	2,092	3,040	6,359	557	5,687	3
Total	49,394	68,750	193,916	61,371	120,673	11,87
977:						
Canada	1,978	3,915	7,743 55,655 3,333	2,595	4,731	417
United States	10,974	5,072 3,289	55,655	25,945	29,014	694
Austria	1,008	3,289	3,333	1,087	1,766	694 48
Denmark	1,050 1,099	3,688 4,676	3,872 5,139	777	2,823 4,244	273
	10,286	2,937	31,478	770 3,606	21.320	6.55
Germany, Fed. Rep. of	5,387	4,181	22.523	3,473	18,102	94
Greece	475	1,560	1,733 4,262	635	1.098	
Ireland	1,484	2,872	4,262	621	3.530	111
Italy . Netherlands	2,945 2,200	3,340 4,824	10,515	3,704	5,905	90
Norway	382	4,893	10,612	1,913	8,554 956	140
Sweden	654	4,968 3,951	3 249	1,302	1,867	30
Switzerland	883	3,951	3.511	740	2,333	43
United Kingdom	3,264	4,381	14,300	7,500	6,750	84
Japan	968 2,185	5,927 2,715	5,737 5,933	3,551	2,066	120
New Zealand ³	2,074	3,199	6,637	1,645 541	4,263 5,948	21 146
Total	49,296	70,388	198,123	61,308	125,270	11,543
978:4						
Canada	1.909	3,964	7 567	2,665	4.494	406
United States	1,909 10,848	5,096	7,567 55,306	25,980	28,634	690
Austria	1,000	5,098 3,300	3,316 4,050	1,080	1,716	520
Austria Belgium and Luxembourg Denmark	1,040	3,894	4,050	800	3.000	254
France	1,050	5,238 2,970	5,500	780	4,445 21,750	12
Germany, Fed. Rep. of	10,152 5,350	4,355	31,450 23,300	3,700	21,750	6,000
Germany, Fed. Rep. of	460	1,533	1,696	659	18,900	900
Ireland	1,520	3.115	4,735	621	4.000	116
Italy Netherlands	2,960	3,395	10,740	3.900	5,930 9,330	910
Norman Norman	2,250	5,029	11,315	1,845		140
Norway Sweden	375 652	4,893 5,058	1,858	914	912	31
Switzerland	885	4,000	3,298	1,315 730	1,903 2,383	80 450
United Kingdom	3,267	4,591	15,000	7.400	7,560	46
Japan	1,013	6,071	6,150	7,400 3,700	7,560 2,300	150
Australia ²	2,112 2,053	2,523 2,956	5,329 6,069	1,602	3,712 5,395	18
	40.000	71.983	200,242	61.728	127,401	10,961
Total	48,896					

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 540. - Milk: Supply and

Îtem	1964	1965	1966	1967	1968
Milk production Net imports of ingredients (milk equivalent) ² Net change in storage cream (milk equivalent) ³	Million pounds 128,967 90 37	Million pounds 124,180 149 10	Million pounds 119,912 1,431 60	Million pounds 118,732 1,334 43	Million pounds 117,225 172 24
Total supply	127,020	124,339	121,283	120,109	117,421
Used in manufactured products: Creamery butter, total milk equivalent Milk equivalent of butter from whey cream Net milk equivalent	32,576 1,301 31,275	29,867 1,319 28,548	25,084 1,413 23,671	27,563 1,457 26,108	26,393 1,481 24,912
Cheese: American Other Cottage cheese, creamed Cannel milk:	11,454 4,162 1,042	11,458 4,277 1,046	12,154 4,521 1,044	12,701 4,507 1,050	12,716 4,660 1,094
Evaporated	3,850 209	3,471 214	3,516 287	3,087 141	2,851 195
Bulk condensed whole milk: Unsweetened Sweetened Dry whole milk	846 140 648	780 151 654	706 152 698	636 149 547	679 159 589
Ice cream and other frozen dairy products, total milk equivalent	12,215	12,557	12,476	12,505	13,037
Milk equivalent of butter and condensed milk used in ice cream Net milk equivalent Other manufactured products 6	1,953 10,262 650	1,987 10,570 599	\$1,998 10,508 643	\$1,967 10,538 308	2,058 10,979 396
Total manufactured products	64,538	61,768	57,900	59,770	59,230
Available for use in fluid products: Sold by dealers Sold by producers directly to consumers?	53,037 1,863	53,566 1,834	53,654 1,746	52,240 1,760	51,920 1,780
Total available for fluid products	54,900	55,400	55,400	54,000	53,700
Used on farms where produced: Fed to calves Consumed as fluid milk and cream Used for farm-churned butter	2,152 3,742 595	2,061 3,443 470	1,980 3,131 361	1,891 2,865 287	1,821 2,616 225
Total used on farms	6,489	5,974	5,472	*5,164	4,662
Residual 10	1,093	1,197	2,511	1,175	-171
Total utilization	127,020	124,339	121,283	120,109	117,421

¹Preliminary.

²Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.

²Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.

⁴Total evaporated and sweetened condensed, beginning 1970.

⁵Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice

cream.

⁶Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.

369

utilization, United States, 1964-78

1969	1970	1971	1972	1973	1974	1975	1976	1977	19781
Million pounds 116,108 316 -22	Million pounds 117,007 502 29	Million pounds 118,586 179 14	Million pounds 120,025 188 4	Million pounds 115,491 819 3	Million pounds 115,586 181 -33	Million pounds 115,334 181 -17	Million pounds 120,269 219 39	Million pounds 122,698 228 -16	Million pounds 121,928 231 -11
116,402	117,538	118,759	120,217	116,313	115,734	115,498	120,527	122,910	122,148
25,241 1,510 23,731	25,593 1,659 23,934	25,724 1,820 23,904	24,725 1,981 22,744	20,663 2,054 18,609	21,571 2,237 19,334	21,992 2,119 19,873	21,947 2,543 19,404	24,396 2,543 21,853	22,444 2,619 19,825
12,668 4,948 1,150	14,240 5,301 1,250	15,136 5,826 1,296	16,422 6,433 1,321	16,760 6,845 1,138	18,550 7,119 1,018	16,452 7,431 1,028	20,581 8,182 1,050	20,473 8,385 1,055	21,087 9,056 1,052
2,973	12,687	2,702	2,540	2,375	2,223	2,020	1,892	1,809	1,755
567 147 489	468 104 508	433 104 535	415 179 552	381 179 577	432 160 499	510 176 464	435 208 554	363 182 514	359 180 540
13,043	13,025	12,940	12,944	13,130	13,277	14,046	13,722	13,617	13,889
2,015 11,028 424	1,984 11,041 480	1,967 10,973 705	1,993 10,951 762	2,060 11,070 744	2,089 11,188 804	2,148 11,898 672	2,099 11,623 744	2,070 11,547 682	1,904 11,988 689
58,315	60,013	61,614	62,319	58,678	61,327	60,524	64,673	66,863	66,528
51,112 1,688	50,281 1,717	50,281 1,572	51,690 1,537	50,893 1,520	48,970 1,544	49,560 1,563	49,990 1,515	49,885 1,498	49,688 1,511
52,800	51,998	51,853	53,227	52,413	50,514	51,123	51,505	51,383	51,196
1,745 2,397 173	1,702 *2,306	1,635 2,117	1,624 1,914	1,584 1,766	1,558 1,643	1,567 1,505	1,562 1,404	1,548 1,296	1,488
4,315	4,008	3,752	3,538	3,350	3,201	3,072	2,966	2,843	2,654
972	1,519	1,540	1,133	1,872	692	779	1,383	1,821	1,770
116,402	117,538	118,759	120,217	116,313	115,734	115,498	120,527	122,910	122,148

⁷ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by nstitutional herds.
⁸ Includes milk used for farm-churned butter, beginning 1970.
⁹ Includes some milk used for other purposes on farms or not utilized.
¹⁰ Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Table 541.—Marketings, income, and value of milk production, by States, 1978 (preliminary)

Million Percent Dollars 1,000 1,000 dollars Alas 13.7 100 17.30 2.370 186 50.0 Ariz 880 100 11.10 94.350 18.605 37.0 6.8 Ariz 6.15 11.50 71.75 73.00 18.605 37.0 6.8 Ariz 6.9 11.50 73.700 18.605 37.0 6.8 Ariz 6.9 11.50 73.700 18.605 37.0 6.8 Ariz 6.9 73.00 18.605 37.0 6.8 Ariz 6.9 73.0 6.9 73.0 6.9 73.0 6.9 73.0 6.9 73.0 6.9 73.0 6.9 73.0		Milk	sold to pla	nts and de	alers	Creaz	n sold to p and dealer	lants		sold direct consumers	
Ala pounds Percent Dollars dollars pounds Cents dollars quarts dollars 3.1 1.0 17.30 1.30 3.7 3.4 3.5 3.6 3.7 3.0 3.7 3.1 3.7 3.0 3.7 3.	State	Quantity	fluid	per 100			per	Cash receipts	Quantity	per	Cash receipts
Alaska 615		Million			1,000			1,000			1,000
Alaska						pounds	Cents		quarts		
trick 670 79 11.00 11.00 94.380	da	615	98			******	*****	*****			3,72
alif 11,430 96 10.20 1,165,880 166,880 1866,047 33.0 63.0 63.0 63.0 785 (3) 11.20 87,920 19,870 44.0 8.3 60.0 785 100 11.50 67,275 7,442 47.0 3.4 681 125 100 11.50 67,275 7,442 47.0 3.4 681 125 100 12.80 246,400 2.8,286 37.0 8 a. 1,285 100 11.40 144,210 4,186 85.0 2.3 16.8 1,285 100 11.40 144,210 4,186 85.0 2.3 16.8 1,285 100 11.40 144,210 4,186 85.0 2.3 16.8 1,285 100 12.80 246,400 9.0 6.0 74 40.0 2.4 11.0 2.365 81 10.40 245,980 9.5 155,718 72 70 50 6.047 40.0 2.4 11. 2,386 81 10.40 245,980 9.5 125,718 72 70 50 6.047 40.0 2.4 11. 2,386 81 10.40 245,980 9.5 125,718 72 70 50 6.047 40.0 2.4 11. 2,386 85 10.0 10.40 245,980 9.5 125,718 72 70 80 6.047 40.0 2.4 11. 2,386 85 10.0 10.40 245,980 9.5 125,718 72 70 930 45.0 4.0 2.3 16.5 10.0 11.50 6.0 10.0 11.50 6.0 10.0 11.50 6.0 11.50 6.0 11.50 6.0 11.50 6.0 11.50 6.0 11.50 6.0 10.0 11.50 6.0 11.50 6.0 10.0 11.50			100	11.30	94 350						6.88
Section Sect	ek			11.00	73,700				6,977	31.0	2.16
Decoration Table	alif			10.20	1,165,860				166,047	38.0	63,09
Sel	Colo	785	(2)	11.20	87,920					44.0	8,39
Table 1,925 100 12,80 246,400 2,326 37.0 28				11.50	67,275				7,442		3,49
1.985		125	100	11.30	14,125				465	43.0	20
Tawaii									2,326	37.0	86
nd 2125 90 10.70 227.376 224 103 231 5,119 40.0 2.5 owa 3.886 55 10.10 392.386 604 118 713 6,977 34.0 2.3 cans 1.355 85 10.70 144.985 3,255 40.0 1.3 cy 2.160 77 10.20 220.320 10,998 44.0 4.7 can 1.025 100 11.50 117.875 5,581 44.0 2.4 daine 615 100 11.60 71.340 3,721 43.0 1.8 daine 615 100 11.50 60.990 11.50 60.990 dich 4.675 95 10.50 490.875 113 90 102 12,093 47.0 5.6 diss 810 95 11.10 89.910 3,256 42.0 1.8 do 2.690 72 10.20 274.380 5 do 2.690 72 10.20 274.380 6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 10.40 18.928 complete 1.200 10.40 18.928 complete 1.200 10.40 11.50 35.995 c					144,210	*****	*****	*****	4,186	88.0	2,30
nd 2125 90 10.70 227.376 224 103 231 5,119 40.0 2.5 owa 3.886 55 10.10 392.386 604 118 713 6,977 34.0 2.3 cans 1.355 85 10.70 144.985 3,255 40.0 1.3 cy 2.160 77 10.20 220.320 10,998 44.0 4.7 can 1.025 100 11.50 117.875 5,581 44.0 2.4 daine 615 100 11.60 71.340 3,721 43.0 1.8 daine 615 100 11.50 60.990 11.50 60.990 dich 4.675 95 10.50 490.875 113 90 102 12,093 47.0 5.6 diss 810 95 11.10 89.910 3,256 42.0 1.8 do 2.690 72 10.20 274.380 5 do 2.690 72 10.20 274.380 6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 10.40 18.928 complete 1.200 10.40 18.928 complete 1.200 10.40 11.50 35.995 c	lawaii	147.3	100	16.10	*23,710	70	****		6047	40.0	2.41
nd 2125 90 10.70 227.376 224 103 231 5,119 40.0 2.5 owa 3.886 55 10.10 392.386 604 118 713 6,977 34.0 2.3 cans 1.355 85 10.70 144.985 3,255 40.0 1.3 cy 2.160 77 10.20 220.320 10,998 44.0 4.7 can 1.025 100 11.50 117.875 5,581 44.0 2.4 daine 615 100 11.60 71.340 3,721 43.0 1.8 daine 615 100 11.50 60.990 11.50 60.990 dich 4.675 95 10.50 490.875 113 90 102 12,093 47.0 5.6 diss 810 95 11.10 89.910 3,256 42.0 1.8 do 2.690 72 10.20 274.380 5 do 2.690 72 10.20 274.380 6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 56 10.30 123.600 508 70 356 2,326 44.0 1.6 complete 1.200 10.40 18.928 complete 1.200 10.40 18.928 complete 1.200 10.40 11.50 35.995 c		1,000	36	10.40	245,960	12		50	930		41
owa 3,886 55 10.10 392,385 604 118 713 6,977 34.0 2,366 Cans 1,355 85 10.70 144,985 3,256 40.0 1,356 Sy 2,160 77 10.20 220,320 10,988 44.0 4,7 a. 1,025 110 11.50 117,875 5,581 44.0 4,4 fd. 1,505 100 11.30 170,065 3,721 43.0 1,6 fd. 1,505 100 11.50 60,980 14,884 43.0 1,6 fd. 4,675 95 10.50 69,972 113 90 102 12,993 47.0 5,6 fd. 4,675 95 10.50 49,8075 1115 289 41,2963 47.0 5,6 fd. 810 95 11.0 89,910 251 115	nd	9 196	90	10.70	997 375	994	103	231	5.116		2,30
Cans			55			604	118	713			2,37
Total Tota		1.355	85	10.70	144,985				3.256	40.0	1,30
Maine	(y	2,160	77	10.20	220,320				10,698	44.0	4,70
dd. 1,505 100 11.30 170,065 3,721 43.0 1,6 dam 530 100 11.50 60,950 14,884 43.0 6,6 dich 4,675 95 10.50 480,875 113 90 11.02 12,093 47.0 5,6 dian 810 95 11.10 89,910 3,256 42.0 1,3 do. 2,890 72 10.20 274,380 6,512 50.0 3,3 dont 2,722 95 10.70 123,600 508 70 356 2,236 44.0 1,5 debr 1,200 56 10.30 123,600 508 70 356 2,236 44.0 1,6 vev 182 100 10.40 18,928 4.0 4.1 4.65 45.0 1,4 N.J 490 100 11.10 35,935 4.186 4		1,025	100		117,875	******	*****		5,581	44.0	2,45
Mark San 100 11.50 60.980 14.884 43.0 6.4					71,340		*****		3,721	43.0	1,60
dich 4,675 95 10.50 480,875 113 90 102 12,003 47.0 5.6 dinn 8,925 54 9.86 880,005 251 115 289 5.6 42.0 1.3 1.2 3.256 42.0 1.3 1.2 274,380 3.256 42.0 1.3 3.2 40.0 3.2 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 3.2 40.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.	dd					*****	*****	*****	3,721		1,60
files 810 95 11.10 89,910 3,256 42.0 1,4 Mo 2,690 72 10.20 274,380 2 6,512 50.0 3,256 42.0 1,200 50.0 3,256 50.0 3,256 50.0 3,256 50.0 3,256 50.0 3,256 50.0 3,256 40.0 3 40.0 3 40.0 3 40.0 3 40.0 3 40.0 3 40.0 3 40.0 3 40.0 40.0 3 40.0 <th< td=""><td>dass</td><td></td><td>100</td><td>11.50</td><td>400,950</td><td>119</td><td></td><td>100</td><td>19,004</td><td></td><td>5,68</td></th<>	dass		100	11.50	400,950	119		100	19,004		5,68
films 810 95 11.10 89,910 3,256 42.0 1.4 60 2,690 72 10.20 274,380 91 299 930 40.0 3 6ont 272 95 10.70 29,104 329 91 299 930 40.0 3 sebr 1,200 56 10.30 123,600 508 70 356 2,226 44.0 1,6 3 445 45.0 4.3 4.45 45.0 1,2 44.0 1,0 1,1 1,1 1,1 1,1 4.1 4.1 31.3 1,00 11.0 54,390 11,1,23 41.0 4.7 4.1	dien		84	0.00	990,015	951	115	290	12,000	41.0	0,00
6s. 2,890 72 10.20 274.380 6,512 50.0 3.3 feort 272 95 10.70 29,104 329 91 299 930 40.0 3.2 febr 1,200 56 10.30 123,600 508 70 356 2,236 44.0 1.5 few 182 100 10.40 18,928 4.186 45.0 1.5 f.H 313 100 11.10 54,390 11,128 41.0 43.0 f.J 490 100 11.10 54,390 11,128 41.0 43.1 f.C 1,485 97 11.40 189,290 43,226 41.0 17.1 f.C 1,485 97 11.40 189,290 57 1,965 46.0 3.2 f.V 10.1 4,165 82 130 612 91 557 1,965 40.0 3.7 f.C 1,485 <td></td> <td>810</td> <td>95</td> <td></td> <td>89,910</td> <td>201</td> <td>110</td> <td>200</td> <td>3.256</td> <td>42.0</td> <td>1.36</td>		810	95		89,910	201	110	200	3.256	42.0	1.36
font 272 95 10.70 29,104 329 91 299 930 40.0 3 sebr 1,200 56 10.30 123,600 506 70 356 2,326 44.0 1,0 1 1 1 44.0 1,0 1 1 1 44.0 1,0 1 1 1 1 45.0 1 4.1 4.0 1 3.0 1 1 4.1 4.30 1 4.30 1 4.3 1 4.3 4.1 4.3 4.1 4.3 1 4.2 4.0 4.7 4.1 4.3 1 4.2 4.1 4.2 4.1 4.2 4.1 4.2 4.1 4.2 4.1 4.2 4.1 4.2 4.1 4.2 4.2 4.1 4.2 4.1 4.1 4.1 4.2 4.2 4.0 4.2 4.0 4.2 4.0 4.2 4.0 4.2 4.0 4.2 4.0			72							50.0	3.25
Sev 182 100 10.40 18.928	font	272	95	10.70	29,104	329	91	299			37
Serv 182 100 10.40 18.928 465 46.0 2.1 31.3 100 11.50 35.995 4.196 43.0 1.4 4.3 4.90 100 11.50 54.390 11.628 41.0 4.3 4.7 4.90 10.0 11.50 4.9450 4.94	lebr	1.200	56	10.30	123,600	508	70	356	2,326		1,00
i.J 490 100 11.10 54.390 11.628 41.0 4.7 i. Mex 430 100 11.50 49.450 6.512 50.0 33.1 3.7 1.7 10.170 100 10.50 1,067.850 43.256 41.0 17.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 40.0 3.7 46.0 40.0 3.7 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.0 47.7 45.0 47.7 45.0 47.0 47.0 47.0 47.0 47.0 47.0 47.0 47.0 47.0 47.0	Vev	182	100		18,928				465		20
Nex 430 100 11.50 49.485 6.512 50.0 3.5											1,80
S.C. 1,485 97 11,40 169,290 9,302 40.0 3.7 N. Dak 860 39 9,55 82,130 612 91 557 1,395 46.0 6.0 Jhio 4,165 92 10.70 445,655 . 7,442 45.0 3.3 Jkla 1,040 89 11.00 11.400 . 6,977 51.0 3.4 Jerg 990 87 10.80 106,920 21,395 36.0 7.7 2- 7,450 98 11.10 836,950 149,302 34.0 50.0 3.1 5.1 100 11.60 5.916 930 47.0 50.0 3.1 5.1 100 11.90 58,072 3.3721 49.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4 9.0 1.4	la.				54,390						
i.C 1,485 97 11,40 169,290 9,302 40.0 3.7 i. Dak 860 39 9,55 82,130 612 91 557 1,395 46.0 6.0 bhio 4,165 92 10,70 445,655 . 7,442 45.0 3.3 kia 1,040 89 11,00 116,400 6,677 51.0 3.4 yeg 990 87 10,80 106,920 21,395 36.0 7.7 x 7,450 98 11,10 836,950 149,302 34.0 50.0 1. 51 100 11,60 5,916 930 47.0 50.0 2. 2. 11 9.80 147,902 1,495 114 1,704 2,326 40.0 1,496 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.					49,450		*****	*****	49.056		12.75
N. Dak 860 39 9.55 82,130 612 91 557 1.395 46.0 20 100 4,165 92 10.70 445,655 7,442 45.0 3.2 100 1,040 89 11.00 114,400 6,977 51.0 3.2 12 7,450 98 11.10 836,950 149,302 34.0 80,7 1. 51 100 11.60 5,916 930 47.0 3.0 1. 5.1 100 11.90 58,072 3.721 49.0 1.4 3. Dask 1,510 31 9.80 147,980 1.495 114 1,704 2,326 40.0 1.2 1. 2.030 82 10.60 215,180 11.4 1,704 2,326 40.0 1.2 1. 8.7 7.4 10.0 360,920 13,953 52.0 7.2 1. 1. 8.7 7.4		10,170			1,067,800						3,75
Discription	Dak					612	91	557	1.395		64
Dila 1,040 89 11,00 114,400 6,977 51,0 3,5 Dreg 990 87 10,80 106,920 21,395 36,0 7,7 a 7,450 98 11,10 826,960 149,302 34,0 80,7 1 51 100 11,60 5,916 930 47,0 4,5 1 5 100 11,90 88,072 3,721 49,0 1,4 3 1,510 31 9,80 147,960 1,495 114 1,704 2,326 40,0 1,704 1 1,704 2,326 40,0 1,704 1,704 1,704 1,704 1 1,840 1,940 1,940 1,940 1,940 1,940 1,940 1 1,840 92 11,00 202,400 4,186 46,0 1,940 1 1,840 92 11,00 202,400 4,186 46,0 1,940 1 1,840 92 11,00 202,400 4,186 46,0 1,940 1 1,840 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1,940 1,940 1 1,840 1,940 1,940 1,940 1,940 1,940 1,940 1,940 1,940 1 1,840 1,940 1,	Thio										3.34
Oreg 990 87 10.80 106,920 21,936 36.0 7.450 2a 7,450 98 11.10 826,950 149,302 34.0 50.7 3.1 51 100 11.60 5.916 930 47.0 47.0 3.C 488 100 11.90 58,072 3.721 49.0 1.7 3. Dak 1,510 31 9.80 147,980 1,495 114 1,704 2,336 40.0 1 1ex 3,370 100 11.60 380,920 13,983 32.0 7.2 1bah 875 74 10.30 90,125 18,605 33.0 6, Vt 2,135 100 11.20 229,120 1,860 41.0 1, Wash 2,520 100 10.60 227,120 4,186 46.0 1, Wash 2,520 100 10.60 277,120 6,930 36.0 21,			89						6.977		3,58
LI 51 100 11.60 5.916 930 47.0 47.0 i.C 488 100 11.90 58.072 3.721 49.0 1.5 1.5 1.5 1.5 1.5 1.5 1.7 2.326 40.0 1.2 1.2 1.2 2.326 40.0 1.2		990	87	10.80	106,920				21,395		7,70
L1 51 100 11.60 5.916 900 47.0 47.0 Loc 488 100 11.90 88.072 11.4 1.704 2.326 49.0 1.4 1.6 11.5 11.6 11.6 11.5 11.6 11.6 11.5 11.6 11.6 11.5 11.6 11.6 11.5 11.6 11.		7,450								34.0	50,76
Duk 1,510 31 9.80 147,990 1,495 114 1,704 2,336 40.0 1,000 1,0	ZI				5,916						43
Fenn 2,030 82 10.60 215,180 2,791 41.0 1,180 Fex 3,370 100 11.60 390,920 13,393 52.0 7.2 Jush 875 74 10.30 90,125 18,605 33.0 6, Vt 2,135 100 11.20 299,120 1,1860 41.0 Va 1,840 92 11.00 202,400 4,186 46.0 1.3 Wash 2,520 100 10.60 267,120 60,930 36.0 21.9 W. Va 316 (2) 10.70 33,812 3,256 51.0 1.0 Wis 20,715 68 10.26 2,125,359 6,512 34.0 2.2	i.C			11.90	58,072			11355	3,721		1,83
Fer 3.370 100 11.60 380,920 13.953 52.0 7.3 Julah 875 74 10.30 90,125 18,605 33.0 6. 7.1 18,605 33.0 6. 7.1 2.135 100 11.20 239,120 1.860 41.0 6.0 41.0 6.0 41.0 6.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 46.0 1.2 4.186 <				9.80	147,980	1,495		1,704	2,326		1 11
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					210,180				13.953		7 20
Ve 2,135 100 11.20 239,120 1,880 41.0 1,280 41.0 1,880 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 1,280 41.0 2,280 1,280 41.0 1,280 41.0 2,280 1,280 21.1 3,280 21.1 3,280 21.1 3,280 21.1 3,280 3,280 21.1 3,280 21.1 3,280 21.1 3,280 21.1 3,280 21.1 3,280 21.1 3,280 3,280 21.1 3,280 3,280 3,280 21.1 3,280 3,280 21.1 3,280 3,280 21.1 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 3,280 <td>Tech</td> <td></td> <td></td> <td></td> <td></td> <td>A.c.c.</td> <td></td> <td></td> <td>18 605</td> <td></td> <td>6,14</td>	Tech					A.c.c.			18 605		6,14
Wash 2,520 100 10.60 267,120 60,930 38.0 21,9 W.Va 316 (2) 10.70 33,812 3,256 51.0 1,4 Wis 20,715 68 10.26 2,125,359 6,512 34.0 22,					239,120				1.880		76
Wash 2,520 100 10.60 267,120 60,930 38.0 21,9 W.Va 316 (2) 10.70 33,812 3,256 51.0 1,4 Wis 20,715 68 10.26 2,125,359 6,512 34.0 22,					202,400				4,186	46.0	1.99
W. Va 316 (*) 10.70 33,812 3,256 51.0 1, Wis 20,715 68 10.26 2,125,359 6,512 34.0 2;	Wash		100	10.60	267,120				60,930	36.0	21.93
	W. Va	316	(3)	10.70	33,812				3,256		1,6
Wyo 106 (2) 10.50 11,130 37 83 31 1,395 48.0								*****			2,21
	Wyo	106	(2)	10.50	11,130	37	83	31	1,398	48.0	67

See footnotes at end of table.

Table 541. — Marketings, income and value of milk production: by States, 1978
. (preliminary)—Continued

	Co	mbined marl and c		nilk	Used fo			-
State		Average	returns 4	Cash		roduced	Gross producer	Value of all milk
	Milk utilized	Per 100 pounds milk	Per pound milkfat	receipts from marketings	Milk utilized	Value s	Income*	produced 57
EUT (ES)	Million			1.000	Million	1.000	1.000	1.000
72	pounds	Dollars	Dollars	dollars	pounds	dollars	dollars	dollars
Ala	635	11.82	3.27	75,061	20	2,364	77,425	78,012
Maska	14.1 890	17.47	5.21	2,463 101,234	.4	70	2,533	2,586
lrk	685	11.37 11.07	3.16	75,863	05	114	101,348	101,871
alif	11,787	10.43	3.10 2.89	1,228,958	25 10	2,768 1,043	78,631 1,230,001	79,704
colo	826	11.66	3.27	96.311	16	1,866	98,177	1,237,728
onn	601	11.78	3.18	70,773	8	589	71.362	72,094
bl	126	11.37	3.07	14.325	- 2	227	14,552	14,667
la	1.930	12.81	3.69	247,261	12	1,537	248,798	249,539
	1,274	11.50	3.15	146,512	10	1,150	147,662	148,350
lawaii	147.3	16.10	4.64	23,715	1	161	23,876	24,150
daho	1,580	10.01	2.79	158,187	15	1,502	159,689	163,463
nd	2,367	10.41	2.81	246,379 229,908	13 16	1,353	247,732	250,152
owa	3,917	10.10	2.74	395,470	44	4,444	231,625 399,914	233,696
ans	1,362	10.74	2.94	146,287	16	1,718	148,005	407,434 150,148
y	2,183	10.31	2.80	225,027	111	11.444	236,471	239,396
A	1.037	11.60	3.18	120,331	22	2.552	122,883	123,306
faine	623	11.71	3.20	72,940	7	820	73,760	74,710
1d	1,513	11.35	3.08	171,665	16	1,816	173,481	174,790
fass	562	11.98	3.26	67,350	. 5	599	67,949	68,526
lich	4,704	10.56	2.86	496,661	27	2,851	499,512	506,141
dinn	8,932 817	9.86	2.73 3.03	880,294 91,278	47 16	4,634	884,928	896,178
lo	2.704	10.27	2.82	277,636	28	1,787 2,876	93,065 280,512	93,381 283,453
font	283	10.52	2.93	29,775	10	1.062	30,827	31.662
lebr	1.219	10.25	2.79	124,979	25	2.563	127,542	130,073
lev	183	10.46	2.98	19,137	2	209	19,346	19,696
LH	322	11.74	3.14	37,795	2 3	352	38,147	38,622
J	515	11.49	3.11	59,157	3	345	59,502	60,321
. Mex	444	11.87	3.42	52,706	9	1,068	53,774	54,368
LY	10,263	10.58	2.93	1,085,585	88	9,310	1,094,895	1,110,156
.C	1,505	11.50 9.47	3.15 2.64	173,011	50 15	5,750	178,761	180,200
hio	4.181	10.74	2.89	83,329 449,004	48	1,421 5,155	84,750 454,159	87,219 459,138
kia	1.055	11.18	3.13	117,958	90	2,460	120,418	121,865
)reg	1.036	11.06	2.89	114,622	9	995	115,617	117,789
2	7,771	11.29	3.02	877,713	55	6.210	883,923	889,768
LI	53	11.99	3.28	6,353	1	120	6,473	6,598
.C	496	12.08	3.13	59,895	8	966	60,861	61,608
. Dak	1,557	9.67	2.70	150,614	19	1,837	152,451	154,720
Tenn	2,036	10.62	2.85	216,324	51	5,416	221,740	227,056
les	3,400	11.71 10.52	3.30	398,176	11	1,288	399,464	402,004
Utah	2,139	11.21	2.97 3.04	96,265 239,883	11	1,157 1,906	97,422 241,789	98,363 244,378
Va	1.849	11.05	3.03	204,326	34	3,757	208,083	210,17
	2,651	10.90	2.95	289,055	8	872	289,927	292,336
Wash W. Va	323	10.96	2.97	35,473	15	1.647	37,120	37.77
Nis	20,729	10.26	2.74	2,127,573	163	16,724	2.144.297	2,180,450
Wyo	110	10.76	3.00	11,831	4	430	12,261	12,586
U.S	119,273	10.67	2.91	12,722,428	1,166	125,012	12,847,440	13,004,083

Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

Not published to avoid disclosing individual operations.

Based on unrounded value. Includes milk sold directly to consumers.

Cash receipts divided by milk or milkfat represented in combined marketings.

Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned

butter.

7 Includes value of milk fed to calves.

Table 542. — Marketings, income and value of milk production, United States, 1964-78

	Milk sold	to plants a	nd deal	ers		m sold t and dea	o plants lers		*	filk sold dire to consumer	
Year	Quantity	Price per 100 pounds	Casi			Price p pound fat			Quanti	Price per quart	Cash receipta
1964	Million pounds 114,176 112,720 109,699 109,433 108,811 108,497 110,089 112,242 114,152 109,948 110,385 115,556 118,172 117,644	Dollars 4.15 4.23 4.81 5.01 5.24 5.49 5.71 5.87 6.07 7.14 8.33 8.75 9.66 9.72	1,00 dolla 4,737, 4,766, 5,272, 5,486, 5,703, 5,952, 6,281, 6,582, 6,926, 7,854, 9,193, 11,165, 11,489, 12,445,	78 pour 160	nds 0,650 2,170 7,920 5,970 1,140 7,950 2,644 5,969 3,737 1,288 5,287 1,437 6,350 5,736 1,245	6: 6: 6: 6: 77: 6: 6: 77: 8: 8: 9:	0.2 96 1.1 80 7.2 72 72 8.2 58 8.7 48 8.9 39 0.0 29 9.1 24 7.8 19 7.3 16 3.2 9 0.3 8 3.4 6 6.9 6		1,000 quart 866, 853, 813, 826, 731, 714, 706, 717, 726, 704, 696,	### Cents ### 122.3 ### 22.3 #	1,000 dollars 192,66 190,271 188,411 196,655 204,632 202,756 215,644 204,422 198,85 218,93 250,86 257,36 256,12 255,90 272,89
Year	Com	bined mar	ketings erage re			am Cash	Used cream, on far	and	butter	Gross farm income	Farm value of all
Year	Milk		nds	Per pound milkfat	rec	ceipts rom ketings	Milk utilized	1	Value ³	from dairy products 4	milk pro- duced ³ s
1964	118; 114, 113, 112, 111, 112, 114, 116, 112, 112, 112, 112, 112, 117,	is Dol. 178 Dol. 178	4.17 4.26 4.84 5.06 5.29 5.54 5.58 6.13 7.21 8.84 9.74 9.80	Dollars 1.13 1.15 1.31 1.37 1.44 1.51 1.58 1.62 1.67 1.97 2.29 2.40 2.66 2.68	5.0 5.0 5.3 5.3 6.1 6.2 7.1 8.0 9.4 9.3 11.4	,000 llars 126,833 137,727 333,398 42,231 957,282 195,672 195,672 196,672	Million pounds 4,33 3,91 3,49 3,15 2,84 2,57 2,30 2,11 1,91 1,76 1,64 1,50 1,40 1,29 1,16	7 3 2 2 2 1 1 0 6 6 7 4 6 8 3 3 5 4 4 5	1,000 dollars 192,053 174,844 174,943 164,853 146,106 136,094 128,100 119,285 129,431 140,079 133,940 137,998 127,699 125,012	1,000 dollars 5,212,871 5,708,341 5,907,061 6,112,135 6,341,778 6,662,669 6,940,177 7,264,573 8,219,600 9,593,726 10,056,473 11,566,453 11,879,429	1,000 dollars 5,304,89 5,296,70 6,005,63 6,206,15 6,434,83 6,757,29 7,034,80 9,723,18 10,192,73 11,714,59 12,027,74

1 =

.

n

Preliminary.

Cash receipts divided by milk or milkfat represented in combined marketings.

Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned cash receipts from marketings of milk and cream plus value of milk used for other purposes on farms or not

butter.

5 Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 544

- All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices prior to 1977. U.S. prices represent weighted average prices of milk for evaporated milk.
 Idaho, Montana, Oregon, Washington, and Wyoming, through 1970.
 Arizona, California, Colorado, Nevada, New Mexico, and Utah, through 1970.
 Not shown separately to avoid disclosure of individual operations.
 Pertains to entire North Central region beginning 1971.
 Pertains to entire Western region beginning 1972.
 Includes South Atlantic region beginning 1972.
 Preliminary.

- ⁶ Preliminary

Table 543. - Federal Milk Order Markets: Measures of growth, 1964-78

	Year	Markets 1	Population of Federal milk mar- keting areas ²	Handlers 1	Producers ³	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977		Number 77 73 71 74 67 67 62 62 62 61 61 56 50 47	Thousands 99,333 102,351 99,307 103,566 117,013 122,319 122,721 142,934 141,472 141,546 144,467 149,493 149,786 149,624	Number 2,010 1,891 1,724 1,650 1,637 1,638 1,588 1,529 1,487 1,305 1,312 1,315 1,305 1,260 1,187	Number 167,503 158,077 145,964 140,667 141,623 144,275 143,411 141,347 136,883 131,565 126,806 123,855 126,755 122,755 119,398	Million pounds 54,447 54,444 53,012 53,761 56,444 61,026 65,104 67,872 68,719 66,229 67,778 69,249 74,586 77,947 78,107	Million pounde 33,965 34,561 34,805 36,490 39,219 40,063 40,518 40,518 40,518 40,518 40,106 40,985 41,125 41,146	Percent 62.4 62.4 62.4 65.7 64.0 64.6 64.5 59.3 59.6 61.2 58.0 87.9 54.9 52.8
	Year	butter	t 3.5 percent fat content dredweight 4	of milk so	s percentage ld to plants lealers	Daily deliveries per	adjusted fi	of blend price or butterfat itent
		Class I	Blend	Fluid grade	All milk	producer	Per producer	All producers
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973		Dollars 4.87 4.93 5.55 6.23 6.50 6.74 6.90 7.10 8.03 9.35 9.36	Dollars 4.23 4.31 4.95 5.17 5.53 5.74 5.96 6.08 6.31 7.31 8.36 8.64	Percent 70 70 70 70 71 74 77 79 80 78 78 78 79	Percent 48 48 49 52 56 59 60 60 61 63	Pounds 888 944 994 1,056 1,080 1,164 1,316 1,372 1,386 1,464	Dollars 14,174 15,300 18,526 20,321 22,561 24,892 27,636 29,893 32,439 37,461 45,376 49,233	1,000 dollars 2,374,137 2,416,524 2,630,906 2,858,351 3,196,087 3,591,293 4,225,344 4,440,288 4,928,514 5,753,855 6,097,768

¹End of year. (Date on which pricing provisions became effective.)
²End of year. Data for 1964-70 and 1971-78 according to the 1960 and 1970 U.S. Census of Population, respectively.

³Average for year.

⁴Weighted averages.

Agricultural Marketing Service.

J.S.

Table 544.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1964-781

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North- western ²	South- western 3	United States
1004	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1964	3.31	3.42 3.43	3.31 3.36	3.45	3.44	3.27	3.49	3.3
	4.00		3.36	3.52	3.45	3.37	3.56	3.4
LOOM		4.03	4.09	4.02	3.99	3.83	3.99	3.9
1000	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.1
	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.2
1969	4.43	4.41 4.50	4.51	4.41	4.33	4.36	4.42	4.4
1970		4.50	4.61	4.68	4.43	4.71	4.58	4.5
1971	(4)	4.65	54.	65	4.57	*4:	90	4.6
1972	(4)	*****	4.	79	74.64	4.	89	4.7
1973	(4)		5.		5.64		66	5.6
1974	(4)			16	7.19	6.	98	7.1
1975	(4)	*****		29	7.22		77	7.4
1976	(4)	******		33	8.29	8.	42	8.3
1977	(4)	*****		46	8.39	8.	63	8.4
1978	(4)		9.	16	9.24	9.	38	9.2

See footnotes on page 372.

Table 545.—Milk markets under Federal marketing program: Blend and Class I milk ducers, deliveries by producers, producer deliveries used in Class I, Class I utilization by markets, 1977 and 1978

			num prices able to prod			rage per of
Marketing area	Blend	price 1	Class	l price		ucers
	1977	1978	1977	1978	1977	1978
	Dollars	Dollars	Dollars	Dollars	Number	Numbe
Black Hills, S. Dak.3	9.58	10.59	10.45	11.27	100	90
Central Arisona 4	10.10	11.06	11.00	11.82	160	15
entral Illinois	10.10 9.43	11.00	10.42	11.23	719	75
hicago Regional III. Wis 7	9.08	10.33	9.87	10.70	16,898	52
Sastern Colorado, ColoKans. 8	10.22	11.05	10.78	11.60	956	16,83
lastern Ohio-Western Pa., Ohio-PaW. Va. *	9.59	10.37	10.33	11.14	7,394	7,02
astern Ohio-Western Pa., Ohio-PaW. Va. astern South Dakota, S. DakIowa-Minn. 10	9.25	10.18	9.86	10.70	489	46
eorgia 11	10.31	11.16	10.78	11.60	1,321	1,37
reat Basin, Utah-NevWyo. 12	9.60	10.55	10.39	11.20	780	72
reater Kansas City, MoKans. 13	9.45	10.38	10.22	11.03	1,623	1,41
reater Louisiana 14	10.57	11.36	10.94	11.75	834	81
pland Province Week Idebe 18	9.48	10.36	9.93	10.75	3,710	3,42
ndiana ¹⁶ nland Empire, Wash-Idaho ¹⁶ owa, Iowa-Ill. ¹⁷	9.52 9.25	10.43	9.87	11.23	322	31
ake Mead New Hitch 19	9.70	10.13	10.06	10.69	3,087	3,31
ake Mead, NevUtah 18 ouisville-LexEvans., KyInd.	9.58	10.44	10.18	10.99	2,304	2.22
ubbock-Plainview, Texas	10.55	11.48	10.90	11.72	90	6
femphis, Tenn - Miss - Ark	10.11	10.94	10.41	11.23	490	54
fichigan Upper Peninsula, MichWis. 19	9.27	10.15	9.83	10.64	205	19
diddle Atlantic, DelD.CMdN.JPaVa	10.10	10.90	11.26	12.06	8,004	7,53
ashville, TennKy.	9.56	10.49	10.33	11.14	864	76
ebraska-Western Iowa, Nebr.,-Iowa-S. Dak. 31	9.30	10.23	10.08	10.89	1,602	1,60
leosho Valley, KansMo. 22	9.98	10.76	10.15	10.95	37	2
New England, MassConnN.HR.1Vt. 20	10.39	11.24	11.46	12.27	8,030	7,76
lew York-New Jersey 35	9.85	10.71	11.33	12.14	1,658	1,69
Ohio Valley, IndKyMichOhio-W. Va. *	9.60	10.48	11.12 10.19	11.91 11.00	18,820 6,295	18,03
Oklahoma Metropolitan 27	9.83	10.68	10.46	11.27	1.453	5,86 1,43
Pregon-Washington 28	9.66	10.54	10.44	11.25	1.010	2,51
aducah Kw.Mo	9.86	10.73	10.17	10.99	208	20
uget Sound, Wash. ³⁹ led River Valley, Texas-Okla. ³⁰ lio Grande Valley, N. MexTexas-Colo. ³¹ & Louis-Ozarks, MoIll-Ark. ³⁰	9.36	10.28	10.34	11.16	1,240	1.21
led River Valley, Texas-Okla. 30	10.07	10.90	10.66	11.46	244	18
tio Grande Valley, N. Mex. Texas Colo. 31	10.33	11.05	10.83	11.64	184	17
t. Louis-Ozarks, MoIllArk.38	9.53	10.42	10.08	10.90	2,947	3,03
outheastern Florida ®	11.59	12.25	11.63	12.44	88	9
outhern Illinois 24	9.49 9.43	10.38 10.32	10.01	10.82	1,925	1,77
ampa Bay, Fla.	11.31	12.01	10.08	10.89	6,845	6,57
ampa Bay, Fla. ennessee Valley, TennVaW. VaKyGa. **	10.10	10.97	10.58	11.39	1.802	1.66
	10.23	11.13	10.80	11.61	3,325	3,12
exas Panhandle, Texas-Okla. **	10.12	11.19	10.73	11.54	175	19
Jpper Florida 30	11.36	12.01	11.32	12.14	183	17
Jpper Midwest, MinnWisN.DS.DJowa 40	8.86	9.78	9.60	10.43	13,150	13,37
Western Colorado 41	10.04	11.11	10.48	11.31	58	5
Wichita, Kans. 43	9.57	10.51	10.28	11.09	505	48

¹Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; purchase no milk from other producers.
³Rapid City, South Dakota.
⁴Phoenix.
⁵Little Rock.
⁶Peoria.
⁶Phoenix.
⁸Little Rock.
⁶Peoria.
⁸Phoenix.
⁸Little Rock.
⁸Peoria.
⁸Phoenix.
⁸Phoenix.
⁸Little Rock.
⁸Peoria.
⁹Little Rock.
⁹Peoria.
⁹Little Rock.
⁹Phoenix.
⁹Little Rock.
⁹Peoria.
⁹Little Rock.
⁹Peoria

Agricultural Marketing Service. Compiled from reports of market administrators.

prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of propercentage, average daily deliveries per producer, and average fat test of milk delivered

Produ		Prod deliveri in Cl	es used	Clas utiliza percer	tion	Da deliv per pro	eries	Aver	
1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
Million	Million	Million	Million			MILLINE.	1	14	
pounds	pounds	pounds	pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
73	77	38 538	47	52 62	61	2,279	2,334	3.64	3.6
382	372 853	322	566 324	84	66 87	15,428	15,792	3.57 3.48	3.6
258	279	162	166	63	60	1,529	1,990	3.74	3.5
10.067	10,186	3.063	3,017	30	30	1,632	1,658	3.72	3.7
819	879	605	630	74	72	2,371	2,609	3.58	3.5
3,493	3,434	2,099	2,059	60	60	1,294	1.338	3.68	3.6
292	278	136	139	46	50	1.717	1.655	3.60	3.6
1,528	1.580	1,189	1.227	78	78	3,175	3,143	3.67	3.6
771	747	423	440	55	59	2,710	2.847	3.55	3.5
971	856	510	483	82	56	1,697	1,715	3.63	3.6
625	640	527	531	84	83	2,063	2,164	3.66	3.6
2,024	1,932	1,334	1,326	66	69	1,513	1,543	3.76	3.7
288	312	143	161	50	52	2,450	2,713	3.72	3.6
1,687	1,839 136	750 92	769 101	44 68	42 74	1,533 9,366	1,547 7,670	3.71	3.7
1.197	1.148	742	703	62	61	1,424	1,412	3.36	3.3 3.6
75	71	65	64	86	90	5.133	5.067	3.47	3.5
308	302	259	251	84	83	2,283	2,247	3.65	3.6
84	88	48	50	57	57	1.126	1.216	3.68	3.6
5,664	5.420	3,266	2.995	58	55	1.939	1.970	3.70	3.7
586	495	327	297	56	60	1.856	1,779	3.69	3.6
1,092	1,066	549	533	50	50	1,910	1,864	3.66	3.6
7	9	6	7	91	83	1,786	1,531	3.67	3.7
4,993	5,046	2,937	2,920	59	58	1,703	1,779	3.66	3.6
1,101	1,136	790	793	72	70	1,821	1,832	3.65	3.6
3,156	9,877 2,954	4,544 1,942	4,719	47	48 62	1,402 1,374	1,501	3.60	3.6
834	813	546	1,832 545	62 66	67	2,063	1,382 2,102	3.71 3.52	3.7
1,407	1.454	794	826	56	57	3,814	4.053	3.77	3.7
121	113	94	89	78	79	1.601	1,482	3.79	3.7
1.677	1,758	688	732	41	42	3,705	3,955	3.71	3.6
131	111	93	.77	71	69	2.045	2,173	3.50	3.6
421	483	329	343	78	71	8,935	10,215	3.42	3.4
1,805	1,848	1,212	1,264	67	68	1,682	1,669	3.64	3.6
763	785	694	726	91	92	24,800	23,053	3.58	3.0
1,095	1,013	583	574	53	57	1,560	1,564	3.70	3.6
4,179	4,208	2,252	2,290	54	54	1,677	1,759	3.69	3.6
1.160	534 1,101	473 861	485 839	88	91 76	11,589 1,763	11,233	3.50	3.4
3,457	3,419	2,599	2,641	74 75	77	2.861	1,810 3,013	3.74	3.7
104	91	76	77	73	84	2,923	2,824	3.36	3.4
666	681	617	639	93	94	10.380	11.132	3.45	3.4
7.001	7,305	1.557	1,580	22	22	1.460	1,497	3.68	3.6
73	71	55	62	75	88	3,546	3,594	3.58	3.6
342	306	206	204	60	67	2,179	2,140	3.62	3.6

weighted average of base and excess payments where such payments are used.

2 Excludes producer-handlers who zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 centa less.

2 Dene I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 centa less.

2 Dene I (Eric Wilson I (Monroe and Shreveport. Area: Rock Island, II., minus seven cents; and Waterloo, minus 16 cents.

3 Las Vegas, Nevads.

3 Zone I (Ornaha).

3 Zone I (Ornaha).

3 Zone I (Pitthourgh, Ranasa.

4 Zone I (New Orleans).

1 and blend, 36 cents less.

5 Central zone (Cincinnati and Columbus).

5 Central zone I (Seattle).

5 Wichita Falls, Texas.

3 Albuquerque, Santa Fe, and Carbondale (Southeastern zone) seven cents more.

5 Zone I (Minneapolis).

4 Grand Houston, plus 36 cents.

5 Zone I (Minneapolis).

4 Grand Holdson, Pland Pl

m

Table 546.—Milk markets under Federal marketing programs: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1977 and 1978!

		Whole milk 2	iik:		Z	wfat and ski	Lowfat and skim milk items			Total		
Marketing area	Quantity	ıtity	Mail	Milkfat test	Quar	Quantity	Milkfat	rfint	- Gun	Quantity	Mill	Milkfat
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	1,000	1,000			1,000	1,000			1,000	1,000	1	Bernand
Black Hills, South Dakota	14,799	pounds 14,907	Percent 3.32	3.33	18,754	19,601	1.91	•	33,554	34,598	2.53	2.51
Central Arkansas	342,193	348,050	3.44	336	69,901	75,523	231		226,101	240,739	889	278
Chicago Regional, III. Wis	1,647,010	1,569,781	192	3338	1,273,745	1,342,088	1.73	1.62	2,920,754	2,911,869	122	222
ostern 3	1,540,684	1,460,954	3.29	3.28	602,008	633,063	1.69	17.1	2,142,693	2,094,006	2.84	2.81
Eastern South Dakota, S. Dakota	40,628	39,082	3.28	3.27	66,893	70,300	1.78	1.76	107,522	109,382	2.35	22
Fort Smith, Arkansas	18,196	18,269	3.32	3.40	945,539	381.323	28	1.8	1,038,082	1,026,133	25.79	2.55
Great Basin, Utah-NevWyo	167,964	170,369	328	9.80	247,849	262,381	1.88	1.87	415,813	432,750 528,976	35	200
Greater Louisians City, Mo-Kans	461,120	461,380	3.67	3.55	115,714	123,909	3	191	576.834	585,289	3.18	3.14
Indiana Inland Empire, Wash, Idaho	48.379	50,261	3.34	333	96,182	103,362	1.78	1.78	144,561	163,624	230	200
Iowa, Iowa-III	279,001	264,766	3.30	88.6	419,338	439,026	1.66	1.85	121.237	136,977	28.8	2.83
Louisville-LexEvans, Ky-Ind	373,027	362,135	88	88	305,796	318,376	1.75	1.76	73.463	72,678	2.60	200
Lubbock-Plainview, Texas Memphia, Tenn-Miss-Ark Mich Trans-Deningla Mich Wis	159,363	154,234	336	988	12,394	47,690	200	82	231,756	222,896	2.62	2.72
	2,111,834	2,026,413	3.31	3.32	809,865	851,361	1.48	821	2,921,699	375,133	27.2	27.2
Nebraska Western Iowa, Nebr- Jowa, S. Dak Moneto Vellov Kane Mo	263,930	251,513	3.32	3.30	246,738	25,652	1.59	1.61	510,668	507,215	2.48	268
25	2,306,663	2,245,490 602,672	3.40	3.86	595,267	640,100	1.43	138	2,903,961	2,885,591	3.18	3.11
Ohio Valley, IndKy MichOhio-W. Va Oklahoma Metropolitan	317,532	307,116	3.80	188	778,792 108,304	806,746 109,811 470,955	1.89	1.67	2,061,347 425,837 805,408	416,927	251	222

818	8456488489 8456488489	2.57
2.68 3.03	8415841886 541584188	2.73
88,696 650,589 137,666	381,044 660,551 715,387 519,338 2,201,201 545,579 742,295 2,482,130 85,485 639,263	51,670
90,155 625,643 140,917	372,077 688,158 694,659 519,321 2,238,270 537,006 729,693 2,431,891 613,720	42,841
448	######################################	1.80
442	238888888888888888888888888888888888888	1.58
28,650 389,712 23,270	84,830 309,632 213,230 253,152 768,023 162,272 382,212 604,027 16,226 177,791	22,071
28.129 366.532 22,649	76,062 307,244 199,160 251,424 751,265 148,227 310,000 600,679 16,751 162,371	17,429
33.24	\$ 55.55.55.55.55.55.55.55.55.55.55.55.55.	3.32
3.26	22.25.25.25.25.25.25.25.25.25.25.25.25.2	3.27
60,046 260,877 114,397	296.214 350.919 502.087 266.776 1,433,178 383.307 410.083 1,878.104 69,960 461,472	29,599
62,026 259,111 118,268	296.015 380.914 495.499 267.499 1.487.004 388.777 419.693 1.631.001 89.823 451.349	25.411
Paducah, Ky-Mo Puget Sound, Wash Re River Villey, Okla-Texas Rio Grando Valley N. May.	Totank viney or to cank viney or to cank viney by the Konis October Viney or to cank viney or to cank viney	Western Colorado Wichita, Kansas

Incarea sales represent total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers in-area sales are partially estimated.

Plain and flavored whole milk.
Plain, fortified, and flavored skim and lowfat milk and buttermilk.
Agricultural Marketing Service. Compiled from reports of market administrators.

Table 547. - Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1964-78

					Milk per 10	00 pounds 2			
	Year	Milk cows, per head 1	Eligible mari		Of manu		All milk	wholesale	Milkfat in cream, per
			Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	pound*
		Dollars	Dollars	Percent	Dollars	Percent	Dollars	Percent	Cents
1964		209.00	4.58	3.71	3.26	3.70	4.15	3.71	60.2
1965	*******	212.00	4.63	3.71	3.34	3.70	4.23	3.70	61.1
1966	********	246.00	5.17	3.70	3.97	3.69	4.81	3.69	67.2
1967		260.00	5.43	3.69	4.06	3.68	5.02	3.69	68.2
1968	*******	274.00	5.67	3.67	4.22 4.45	3.67	5.24	3.67	68.4
1969 1970	******	300.00 332.00	5.87 6.05	3.68	4.40	3.67	5.49	3.67	68.9
1971	*******	358.00	6.19	3.67	4.86	3.65	5.71 5.87	3.66	70.0
1972		393.00	6.38	3.68	5.08	3.66	6.07	3.68	69.1 67.5
1973	********	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974		500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975		412.00	9.02	3.67	7.63	3.66	8.75	3.67	70.1
1976		478.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977		504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978		675.00	10.80	3.66	9.65	3.67	10.60	3.67	102.0

Prices paid by plants for manufacturing grade milk of average fat test for specific purpos

		Milk for e	vaporated	Milk for b	utter and		Milk fo	r cheese	
,	Year	mil	k ^y	bypro	ducts	America	n cheese	All c	heese
		Price per 100 lb.	Pat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
		Dollars	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
1964		3.37	3.92	3.26	3.66	3.28	3.76	3.29	3.73
1965		3.41	3.90	3.34	3.67	3.36	3.76	3.39	3.74
		3.98	3.88	3.90	3.68	4.03	3.75	3.04	3.73
		4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
		4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969		4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
		4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
		4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972		4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
		5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
		7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975		7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976		8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977		8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
19788		9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68

¹Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current

¹Simple average of monthly prices, by States, weigned by the number of misk cows on farms with 1 of the Cultury year.

²Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market associations, whole-milk distributors, and milk-products manufacturing plants, £c.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

³ Milk eligible for fluid market, including surplus diverted to manufacturing.

⁴ Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

⁵ Preliminary.

⁶ Monthly average prices and tests weighted by estimated production in each month. Price £c.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

⁷ Includes milk for canned condensed milk.

Table 548.—Dairy products: Factory production of specified items, by States, 1976-78

		Butter		Total .	American c	hoese ²	7	otal cheese	•
State	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ala	*****					*****	******		******
Ariz	*****	******	*****	*****	*****	******	*****	******	******
Ark	147.036	156,942	138,935	7,589	8,264	8,758	12,834	13,053	15,543
Colo	4.861	4,531	5.091	8,973	12,366	15,372	112,112	125,777	136,956
Conn	4,001	4,001	3,001				4.499	4.607	6,500
Del			******	******			4/400	4,001	0,002
Fla	*****								******
3a									
daho	6,993	9,408	7,214	66,785	62,904	67,981	88,637	87,789	92,811
M	12,759	9,777	3,709	17,269	12,395	6,688	94,724	91,201	90,213
Ind	22,769	12,259	12,263	28,964	28,426	28,418	33,433	31,790	31,245
Iowa	39,668 14,815	49,767	35,268	101,531	95,137	91,301	179,125	174,854	178,951
Ky	19,406	16,154 14,302	13,103 13,873	29,945 49,450	26,448 49,121	23,683 44,441	31,536	28,150	25,616
La	19,400	14,002	10,010	49,400	49,121	44,441	64,904	69,600	67,218
Maine			*****		*****	*****	*****	*****	*****
Md							******		******
Mass							6,123	5,786	7,780
Mich	27,953	34,791	28,455	18,431	19,046	20,796	34,140	32,831	32.001
Minn	177,454	198,635	170,575	365,162	344,573	381,597	430,491	410,628	451,566
Miss	******	******	******	22.53.22	10,277	9,609		10,425	9,786
Mo	20,914	21,589	21,921	51,476	49,588	49,921	69,916	72,671	85,297
Mont	1,919 17,623	2,019 15,974	1,947	1,844 32,177	30,841	******	1,844	******	******
Nev	11,023	10,974	*****	02,111	30,841	29,448	62,859	57,445	59,245
N.H							*****	******	******
N.J							16.843	15,492	21,786
N. Mex									
N.Y	28,223	37,253	35,231	80,313	78,907	81,766	255,639	260,327	282,927
N.C	******								
N. Dak	7,230	6,590	6,099	51,962	53,443 27,774	49,776	51,962	53,443	49,776
Ohio	21,638	36,225	29,935	26,284	27,774	29,880	80,748	77,948	87,848
Okla Oreg	20,300 12,379	20,316	24,022	7,159	00.000	010 70	7,326	******	******
Pa	23,441	14,045 32,092	14,280 38,412	37,027	26,670 36,233	27,310 35,406	26,660 87,743	26,762 93,706	27,436 95,617
RI	20,941	32,092	90,412	31,021	30,233	30,400	1,572	93,700	90,61
S.C		******	*****				1,012		
S. Dak	9,705	10.671	10,188	43,177	41.822	42,727	65,144	65,861	63,60
Tenn	18,277	21,263	20,675	20.536	20,509	18,892	34,838	38,756	30,390
Tex	3,895	2,667					11,661	17,751	12,17
Utah	5,653	5,507	4,654	43,580	43,140	40,315	63,766	62,330	60,46
Vt	7,090	6,034	5,018	18,608	17,485	22,845	54,740	57,290	67,38
Va	91 071	91 950	******	100000	*****	******	90.500	*****	*****
W. Va	31,671	31,358	29,751	16,319		23,938	30,501	33,562	40,836
Wis	230,211	256,504	249.822	835,505	869,291	877,226	1,241,180	1,278,890	1.332.00
Wyo	200,211	400,004	249,022	833,305	009,291	011,226	1,241,100	1,210,090	1,032,00
		******	*****	******	*****	*****	*****	*****	*****
U.S.4	978,631	1,085,595	994,290	2,048,828	2,043,063	2,074,202	3,320,246	3,358,535	3,519,33

See footnotes at end of table.

Table 548.—Dairy products: Factory production of specified items, by States, 1976-78—Continued

State	conde	ated and swensed whole case goods)	milk	N	onfat dry m	ilk	Te	tal ice crea	m
	1976	1977	19781	1976	1977	19781	1976	1977	19781
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 galions
la							12,948	12,479	12,31
riz						*****	7,187	7,188	6,45
rkalif	130,374	******	******	161,196	179,865	156,897	4,667 86,800	4,656 85,370	88,23
olo	100,014		*****	101,150	110,000	100,001	8.164	8.684	8.72
onn							16.224	15,131	18,66
el									
la							27,729	29,848	31,14
a					******	******	6,998	6,186	5,84
laho				6,536	12,611	7,523	3,208	3,234	3,25
d							45,390	42,004	39,95
wa	*****	*****	******	82.155	101.847	77,512	27,049 11,263	27,037	26,62 11,37
ans				64,100	101,041	11,512	7,583	7,325	5.96
y							4,599	5,275	5,19
							10,644	10,829	9.16
laine							5,942	5,381	4.20
d							18,816	18,745	20,42
805						******	46,320	45,255	42,90
ich			*****	41,985	49,274	48,469	34,372	34,692	34,90
inn	*****	*****	*****	186,872	228,576	174,993	29,528	30,906	31,87
iss							4,942	5,025	4,82
ont							18,631 1,684	18,256 1,575	17,94
ebr				14.028			8,895	10.072	10.15
ev				24,020			1.150	1,223	1.16
Н							1.048	1.047	1.09
J							14,048	11,652	5,83
. Mex									
Y				32,466	52,044	44,303	63,052	59,542	61,23
.C					*****	******	27,966	26,563	26,34
. Dak	******	100.000	100.011	8,264	6,167	4,983	2,843	2,568	2,43
hio	154,357	136,659	133,341	37,701	37,413 10,348	34,189	48,574	48,303	49,03
reg					10,346	10,094	8,069 7,235	8,492 7,386	8,86 7,98
8	99,094			9,731	23,100	18,959	70,721	68,338	71.29
1	30,004			0,101	20,100	10,000	1.537	1,474	1.46
							10,253	14,726	14,87
Dak	*****			43,367	45,266	36,156	128	124	10
enn				20,221	13,571		17,441	18,008	19,41
ex							35,542	36,705	37,43
tah							6,708	6,681	7,32
t							151	158	20
a	*****			40,080			8,428 16,725	8,156 17,110	8,17 16,25
V. Va	*****		*****	40,080		*****	2,659	2,584	2.52
Vis	******			105,994	140,573	110.283	18,253	17.842	18.88
yo	******	******	******	100,004	140,013	110,200	10,200	11,042	10,00
U.S	932,123	818.927	787.866	926,183	1.106.619	920.422	818.241	809,849	815.09

Preliminary.
 Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.
 Includes full-skim American cheese; excludes cottage cheese.
 Includes data for individual States which have less than 3 plants and are not shown separately.
 Combined to avoid disclosure of individual operations.

Table 549.—Dairy products: Quantities manufactured, United States, 1971-78

Product	1971	1972	1973	1974	1975	1976	1977	19781
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
		pounds	pounds	pounds	pounds	pounds	pounds	pounds
Creamery butter	pounds 1,143,695	1.101.910	918.618	961,724	983,791	978,631	1.085,595	994,290
American cheese:	-10.00100	-,,		2021.24	000,101	310,001	1,000,000	004,000
Whole milk	1,511,508	1.644,287	1.672.515	1.858.602	1.654.580	2.048.828	2.043.063	2.074.200
Part skim	6,977	8,137	5,117	3,703	5,368	4.951	4.110	4,866
Swiss cheese	-		- man	4,100	0,000	4,002	4,110	*,000
(including block)	153,843	177,773	164,221	175,345	173,758	196.327	189,259	209.362
Munster cheese	39,819	45,696	45,687	48,640	52,090	55,326	55,419	59.313
trick cheese	22,423	21,771	23,119	23,545	19,593	19,252	15.887	16.883
imburger cheese	2,599	2,531	2,586	2,436	1,902	1.876	1,723	
ream and Neufchatel	2,000	2,001	2,000	4,900	1,902	1,010	1,723	1,606
cheese	129,829	133.258	139,664	150.258	160,298	1		
Blue cheese						168,020	176,421	198,255
til falling	25,219	28,549	29,759	28,262	28,506	33,885	34,776	35,347
All Italian varieties								
of cheese	453,861	512,143	565,270	606,096	671,860	747,405	793,489	875,310
All other varieties					1			
of cheese 2	28,239	30,460	37,412	40,483	43,452	44,376	44,388	44,194
Total of all cheese 2	2,374,315	2,604,605	2,685,350	2,937,370	2,811,407	3,320,246	3,358,535	3,519,336
Cottage cheese:								
Curd ³	745,136	784,204	763,016	689,660	700,975	711,141	684,481	688,396
Creamed ³	1.003,652	1.012.681	958,203	855,682	861,669	874,605	877,978	872,29
Lowfat 3	85,237	102,411	128,019	121,941	129,316	135,364	139,007	
Sweetened condensed milk:	00,201	100,411	120,019	121,541	129,010	100,004	100,007	151,374
Bulk goods:	1							
Skimmed	63,324	60.063	70,636	44,137	32,156	51,939	63,738	44.00
Unskimmed	44,352	77,060	76,999	69,387	76,270			44,634
Unsweetened condensed	99,002	11,060	10,555	69,387	76,270	89,207	78,240	80,678
milk (plain, condensed):			1	1	1			
					1			
Bulk goods:								
Skimmed	953,028	901,785	808,103	670,266	718,542	720,988	782,555	717,20
Unskimmed	179,946	174,698	159,360	180,120	214,389	181,421	166,113	144,74
Evaporated and condensed								
milk:					1			
Case goods:	I married				1			
Skimmed	22,684	18,632	15,276	17,413	10,673	9,929	8.097	10.40
Unskimmed	1,268,086	1.183,298	1.102.183	1.035,209	926,923	932,123	818,927	787,86
Condensed or evaporated				-			- caupan	101,000
buttermilk	10,174	17,181	11,385	16,425	24,884	22.907	30.344	39.50
Dry buttermilk	51,727	49.511	43,275	45,280	42.834	46,279	53,231	47.61
Dry whole milk	72,156	75,246	77,965	67,721	63,086	78,068	69,379	74.61
Nonfat dry milk	1,417,648	1,223,456	916,570	1.019.916	1.011.454	926,183	1.106.619	920,42
Dry skim milk (animal	7,471,040	1,220,400	910,010	1,019,310	1,011,404	920,100	1,100,019	920,42
feed)	11,396	12.853	9,752	5.623	7.004		2004	0.40
Dry cream	1,555	1.559	(4)		7,934	5,915	7,884	6,48
Dry cream	1,000			(4)	(4)	(4)	(4)	(4)
Dry whey Malted milk powder	679,447	762,020	772,440	851,351	595,590	661,761	627,803	711,49
maited milk powder	17,649	(8)						
	1.000	1.000	1,000	1,000	1.000	1.000	1,000	1.000
		gallons	gallons	gallons	gallons	gallons	gallons	gallons
Ice cream	gallons 765,843	767,750	773,674	781.971	836,552	818,241	809.849	815.099
	100,040	101,100	110,014	101,011	000,002	010,241	000,040	010,000
Sherbet (does not include								
water ices)	48,831	50.017	53,231	49,932	48.542	40 500	40 500	40.00
lce milk 6	287,694	290,806	291,698	296,100	298,789	49,589 286,176	49,783	48,034 307,24

¹Preliminary.

²Includes full-skim American cheese beginning 1974.

³Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but, beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.

⁴Less than 3 plants reporting.

⁵Discontinued, beginning 1972.

⁶Includes freezer-made milkshake in most States.

Table 550. — Mellorine-type frozen desserts: Production by States, United States totals, 1964-78

Year	Ala- bama	Ari- zona	Ar- kansas	Cali- fornia	Illinois	Louisi- ana	Mis- souri	Mon- tana	Okia- homa	Ore- gon	South Caro- lina	Техна	United States 1
1964 1965 1966 1967 1968 1969 1970	1,000 gallons 228 192 160 139 147 120 55	1,000 gallons 855 1,075 1,032 1,194 1,055 1,022 870 671	1,000 gallons 1,390 1,302 1,569 1,714 1,355 1,454 1,370 1,264	1,000 gallons 15,109 15,619 15,550 16,099 15,509 14,347 13,076 11,668	1,000 gallons 2,099 1,957 1,888 2,089 3,401 3,961 4,150 3,947	1,000 gallons 1,038 1,801 1,395 1,331 1,351 1,214 984 572	2,508 2,569 2,144 1,952 2,206 2,968 2,318 2,060	1,000 gallons 300 313 339 382 503 491	1,000 gullons 2,841 2,696 2,622 2,778 2,629 2,664 1,940 1,829	1,000 gallons 863 1,002 850 999 1,013 976 1,055 1,137	1,000 gallons 177	23,306 24,192 23,257 23,692 23,526 23,176 22,793 21,994	51,378 53,168 51,558 53,683 55,825 55,566 51,878 48,378
1972 1973 1974 1975 1976 1977 1978 ²		574 527 526 546 437 393	1,050 903 922 713 656 571 468	10,971 9,759 8,295 6,747 5,258 4,077 3,421	3,790 3,226 1,915 1,402 1,140 1,004 984	511 345 336 217 112 116 32	1,899 1,522 1,377 993 889 752 527		1,719 1,380 1,198 1,037 657 536 456	927 766 532 532 402 295 261		20,660 18,813 17,008 15,833 11,507 9,100 7,949	45,447 39,778 34,608 30,038 23,284 18,798 16,264

 $^{^{\}rm I}$ Includes several minor producing States which are not shown separately. $^{\rm S}$ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 551.—Dairy products: Manufacturers' average selling price of specified products,
United States, 1964-78

	Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory ¹
1964		Dollars 5 99	Cents	Cents 10.44	Cents
1965		5.99 6.09 6.73	14.66	11.72	33.84
1966		6.73	18.19	14.47	39.90
1967		7.05	19.92	15.01	40.6
1968		7.26	22.36	17.01	43.6
1969		7.50	23.50	16.75	43.8
1970		7.98	26.30	16.30	45.76
1971		6.95-9.24	30.72	20.67	46.4
1972		7.52-9.31	32.70	25.41	48.30
1974		8.10-9.26	45.79 58.37	34.51	57.90
975	***************	10.18-12.75 10.98-14.15	62.13	37.74	66.00
976	****************	11.88-14.77	63.30	37.93 34.60	71.3
977	*************	12.05-15.62	66.65	32.02	79.2 80.6
1978		(2)	71.01	33.14	89.6

¹ Includes milk sold in bulk and in package.
² Estimate discontinued.

Table 552.—Dairy products: Manufacturers' stocks, end of month, United States, 1977 and 1978

Month	Evaporated ar condensed v (case g	whole milk	Dry who	de milk	Nonfat d	ry milk n food)
de decidion	1977	1978	1977	1978	1977	1978
January February March April May June July August September October November Docember	1,000 pounds 66,288 63,485 62,965 66,429 101,495 127,686 133,208 158,721 148,612 134,311 100,990 75,156	1,000 pounds 59,742 52,669 52,066 57,379 79,428 101,401 120,189 134,380 135,972 113,826 84,383 70,282	2,000 pounds 10,390 8,892 8,386 10,026 8,610 9,926 8,997 6,511 6,304 5,763 5,917 5,972	1,000 pounds 5,945 6,394 6,120 7,267 8,416 9,494 9,448 9,307 7,396 5,319 3,721 4,363	1,000 pounds 91,638 84,650 78,061 107,761 119,405 128,712 122,409 109,621 81,718 68,019 57,367 60,652	1,000 pounds 61,33 55,37 49,79 79,25 87,22 94,99 94,85 73,88 63,62 52,16 36,56 40,13

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

84 .00 .90 .63 .60 .82 .76 .47 .95 .08 .30 .24

Table 553.—Dairy products: Cold-storage holdings, first of month, United States, 1977 and 1978

Month	Creamer	y butter	America	n cheese	Swiss	cheese	Total natu	ral cheese
	1977	1978	1977	1978	1977	1978	1977	1978
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
anuary	67,635	195,713	417,028	395,246	11,360	8,136	485,700	459,56
ebruary	94,183	215,947	404,047	377,506	11,080	8,923	471,169	442,03
farch	106,340	235,768	421,358	364,742	9,967	9,630	485,802	430,06
pril	128,250	246,189	446,316	379,188	10,277	9,981	510,266	447,13
	163,812	264,634	490,258	393,274	9,451	11,425	557,234	462,5
	197,078	282,020	510,448	423,410	9,459	12,735	583,672	500,1
uly	209,041	297,665	518,912	422,964	11,148	12,869	592,867	498,5
	208,593	284,603	519,652	416,830	10,996	12,787	592,930	489,7
eptember	203,260	266,669	483,312	397,202	10,351	13,671	563,872	476,6
	195,429	251,848	437,535	379,562	9,238	11,651	502,844	455,1
	193,371	228,855	417,353	357,045	9,555	11,144	479,772	430,9

¹Includes American, Swiss, and other types of natural cheese.

Table 554. - Dairy products: Dec. 31 stocks, United States, 1964-78

Year	Butter 1	Change 12	Evaporated milk (case goods) ³	Condensed milk (case goods) 4	Dry whole milk	Nonfat dry milk for human con- sumption ¹	Cream (milk equivalent)		
1984	1,000 pounds 66,499 52,096 32,298 168,613	1,000 pounds 325,952 306,562 372,668 429,289	1,000 pounds 185,307 134,755 192,874 190,246	1,000 pounds 6,916 5,924 11,578 5,780	1,000 pounds 6,968 5,000 6,932 6,116	1,000 pounds 174,276 154,402 118,225 256,208	Million pounds 8 8 13		
968	117,355 88,636 118,772	404,984 317,586 324,500		5,823	7,563 6,576 4,708	277,763 221,700 137,915			
971 972 973 974	96,847 107,470 46,379 49,227	307,142 331,444 357,808 493,973	80	0,480 0,217 0,199	4,025 3,351 5,377	89,531 44,857 74,585			
974 975 976 977 978	10,856 47,058 184,907	368,579 478,465 486,031	86	1,617 1,677 5,164	6,419 5,636 9,085 5,972	293,203 468,943 485,396 677,886	********		

e. Beginning 1967, includes process American cheese held by CCC.

Economics, Statistics, and Cooperatives Service - Economics.

Table 555.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1964-781

Year	Total disap- pear- ance	Civilian consumption			Total disap-	Civilian consumption			Total disap-	Civilian consumption	
		Total	Per capita	Year	pear- ance	Total	Per capita	Year	pear- ance	Total	Per capita
1964 1965 1966 1967 1968	Billion pounds 58.6 58.8 58.4 56.9 56.3	Billion pounds 57.5 57.8 57.4 55.7 55.1	Pounds 304 302 297 285 280	1969 1970 1971 1972 1973	Billion pounds 55.2 54.2 54.0 55.2 54.2	Billion pounds 54.0 53.1 53.0 54.3 53.4	Pounds 272 264 260 263 257	1974 1975 1976 1977 1978	Billion pounds 52.2 52.6 52.9 52.7 51.8	Billion pounds 51.5 52.0 52.3 52.1 51.2	Pounds 244 244 241 243 237

¹ Milk equivalent of fluid items — whole milk, low-fat fluid items, and cream — at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Econo

Table 556.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1964-781

		Butter ²			Cheese 3		Condensed	and evapor	ated milk 4
Year	Total	Civilian co	nsumption	Total	Civilian co	nsumption	Total	Civilian co	nsumption
	disap- pearance	Total	Per capita	disap- pearance	Total	Per capita	disap- pearance	Total	Per capita
1964 1965 1966 1967 1968 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	Million pounds 1,671 1,367 1,150 1,104 1,228 1,156 1,115 1,171 1,094 1,025 972 1,024 945 950 979	Million pounds 1,297 1,232 1,098 1,076 1,115 1,079 1,061 1,017 999 956 1,012 934 941 971	Pounds 6.9 6.4 5.7 5.5 5.7 5.4 5.3 5.1 4.9 4.8 4.6 4.8 4.4 4.4	Million pounds 1,824 1,864 1,925 2,014 2,133 2,222 2,355 2,759 2,888 3,117 3,115 3,417 3,560 3,789	Million pounds 1,782 1,826 1,829 1,969 2,063 2,182 2,317 2,486 2,719 2,849 3,071 3,072 3,375 3,513 3,734	Pounds 9.4 9.6 9.8 10.1 10.6 10.9 11.5 12.2 13.2 13.7 14.6 14.5 15.9 15.8	Million pounds 2,342 2,231 1,900 1,899 1,736 1,551 1,551 1,353 1,278 1,239 1,192 1,046 1,063	Million pounds 2.157 2.040 1.882 1.757 1.745 1.865 1.432 1.393 1.313 1.248 1.175 1.116 1.067 949 943	Pounds 11.5 10.6 9.7 9.0 8.9 7.9 6.4 6.0 5.3 5.0 4.4
	Ice cre	am (product	weight)	r	ry whole m	ilk	Nonfat d	ry milk (hu	man food)
Year	Total	Civilian co	nsumption	Total	Civilian co	ensumption	Total	Civilian co	nsumption
	disap- pearance	Total	Per capita	disap- pearance	Total	Per capita	disap- pearance	Total	Per capita
1964 1965 1966 1966 1967 1968 1970 1971 1972 1973 1974 1978 1978 1978	Million pounds 3,546 3,634 3,606 3,578 3,711 3,674 3,656 3,676 3,714 3,928 3,939 3,919	Million pounds 3,456 3,544 3,511 3,483 3,616 3,579 3,561 3,600 3,634 3,679 3,945 3,858 3,790 3,849	Pounds 18.3 18.5 18.2 17.8 18.4 18.0 17.7 17.5 17.5 17.5 18.1 17.7 17.8	Million pounds 86 91 92 75 78 71 71 73 76 67 63 75 75 75	Million pounds 61 59 64 51 46 44 43 32 24 21 15 16 33 34 34	Pounds 0.32 31 33 26 23 22 21 .16 .12 .10 .07 .08 .15 .16 .25	Million pounds 2,492 2,010 1,619 1,541 1,576 1,510 1,630 1,468 1,270 1,154 916 828 911 916 1,024	Million pounds 1,119 1,089 1,132 1,085 1,140 1,148 1,079 1,083 955 1,113 884 4 703 764 728 692	Pounds 5.9 5.6 5.8 5.8 5.4 5.3 4.2 3.3 3.6 3.4 3.2

¹Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons esting out of civilian supplies.

²Includes but farm and factory-made butter.

³Includes all kinds of cheese except cottage and full-skim American.

⁴The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

⁵Preliminary.

nilk the

Economics, Statistics, and Cooperatives Service - Economics.

Table 557.—Dairy products: Average price per pound for specified products, 1967 and 1975-78

Item and market	1967	1975	1976	1977	1978
Butter, bulk, wholesale selling prices, New York: Grade AA (93-score) Grade A (92-score)	Dollars 0.6765 .6748	Dollars 0.8204 8180	Dollars 0.9635 .9440	Dollars 1.0251 1.0152	Dollars 1.1558 1.1407
Butter, bulk, wholesale selling prices, Chicago: Grade AA (93-score)	.6671	.7941	.9326	.9865	1.1058
Grade A (92-score) Butter, one-pound prints, wholesale selling prices, San Francisco:	.0668	.7938	.9203	.9842	1.0976
Grades AA and A (93-score and 92-score) Butter, spot cash call prices, 1 New York Mercantile Exchange:	.7898	.9729	1.1000	1.1324	1.2666
Grade AA (93-score)	.7000	1.1600	1.1000 8250	1.0475 .9225	1.2550
Grade A (92-score)	.6975 .6675	1.1600 .6150	1.0950 .8150	1.0300 .9175	1.2300 1.0150
Butter, spot cash call prices, ¹ Chicago Mercantile Exchange: Grade AA (93-score)	.6875	1.0800	1.0700	1.0275	1.2350
Grade A (92-score) Low High	.6875 .6850	.5950 1.0800 .5950	.8000 1.0700 .7950	.8975 1.0150 8975	.9900 1.2100 .9900
Cheese, cheddar, f.o.b. Wisconsin Assembling Points: Barrels 40-pound blocks Cheese, prices National Cheese Exchange, Inc.: 2	.4522	.8260 .8661	.9084 .9630	.9132 .9683	1.0225 1.0708
Cheddar, barrels	.4200 .4025	.9625 .6475	.9800 .8025	.9400 .8178	1.0950 .9150
Cheddar, 40-pound blocks High Low Swiss, Grade A High Low	.4400 .4225 .5060 .4850	1.0000 .6750 1.2100 .9300	1.0300 .8300 1.2850 1.1400	.9750 .8925 1.2900 1.2060	1.1300 .9700 1.4580 1.2900
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade ³	4.2075	.6322 .6455	.6278 .6470	.6660	.7181 .7288
Whey powder, f.o.b. plant, Central States Production Area: Edible (nonhygroscopic) Used for animal feed (spray process)		.0754	.0684	.1213	.1403

¹ Prices represent high and low for the year.
² Green Bay, Wisconsin.
³ Average for high and low heat processing.
⁴ Includes Grade A.

Agricultural Marketing Service.

Table 558.—Butter: Production in specified countries, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Canada Mexico United States	1,000 metric tons 114 8 444	1,000 metric tons 113 8 493	1,000 metric tons 100 8 453	Europe — Continued Bulgaria Caschoslovakia German Dem. Rep.	1,000 metric tons 15 113 278	1,000 metric tons (1) 121 270	1,000 metric tons (3) 119 270
Total	566	614	561	Hungary	20 266 38	26 285	302
South America: Argentina	40	30	27	Yugoslavia	17	19	20
Brazil	72	69	80	Total Eastern Europe	747	721	740
Peru	6 7	8 7	5 7	Total Europe	2,798	2,788	2,955
Total	130	117	124	Soviet Union	1,408	1,500	1,470
Europe: Belgium and Luxembourg . Denmark	99	92 131	110 140	Africa: South Africa	26	21	16
France Germany, Fed. Rep. of Ireland	540 544 103	551 535 105	553 560 119	Asia: India	455 44	457 54	460
Netherlands	62 202 90	72 179 133	75 212 185	Total	499	511	52
Total EC	1,779	1,798	1,954	Oceania: Australia 3 New Zealand 4	148	118 277	113
Austria	45 83	47 74	43 72	Total	397	395	34
Greece Norway Portugal Spain Sweden Switzerland	7 24 2 15 61 35	7 24 2 19 62 34	6 20 3 22 62 33	Grand total	5,824	5,946	5,99
Total Western Europe	2,051	2,067	2,215				

166

175 100 150

81 88

¹ Preliminary. ² Not available. ³ Year ending June 30. ⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 559.—Cheese: Production in specified countries, 1976-78

Continent and country	1976	1977	19781	Continent and country	1976	1977	19781
North America: Canada Mexico United States	1,000 metric tons 125 113 1,506	1,000 metric tons 134 115 1,524	1,000 metric tons 141 117 1,595	Europe — Continued Czechoslovakia German Dem. Rep Hungary Poland	1,000 metric tons 85 196 26 310	1,000 metric tons 84 181 30 345	1,000 metric tons 98 185 34 357
Total	1,744	1,773	1,853	Yugoslavia	127	134	138
South America: Argentina	240	236	249	Total Eastern Europe	744	774	812
Brazil	150 11	205 15	220 13	Total Europe	4,398	4,627	4,783
Peru	31 28	31 29	28 34	Soviet Union	655	655	700
Total	460	516	544	Africa: South Africa	30	29	28
Europe: Belgium and Luxembourg Denmark France Germany, Fed. Rep. of	42 152 970 650	47 172 1,023 691	48 180 1,060 710	Asia and Oceania: Japan	9 113 105	9 104 81	9 115 53
Ireland	537	54 553	50 575	Total	227	194	177
Netherlands	382 204	412 206	418 200	Grand total	7,514	7,794	8,085
Total EC	2,987	3,158	3,241	CONTRACTOR OF THE PARTY OF THE			1
Austria Finland Greece Norway Portugal Spain Sweden Switzerland	62 57 154 61 25 113 84 111	66 60 156 58 28 125 87 115	71 65 156 65 29 135 93 116				
Total Western Europe	3.654	3.853	3,971	for their condition			

¹Preliminary. ²Year ending June 30. ³Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 560. - Dairy products: United States imports by type of product, 1964-78

Year	D-1-1-10-1		Che	coc			
Tear	Dried milk 1	Swiss ²	Cheddar ³	Other	Total	Butter	Casein
	Metric	Metric	Metric	Metric	Metric	Metric	Metric
	tons	tons	tons	tons	tons	tons	tons
1964	711	7,566	6,308	21,451	35,325	302	49,194
1965	625	7,136	7,261	21,578	35,975	339	41,633
1966	1,289	10,829	22,757	27,848	61,434	303	48,946
1967	421	10,973	27,305	30,569	68,847	307	45,210
1968	814	26,685	7.122	43,418	77,225	335	52,205
1969	871	14,858	7.092	43.414	65,364	308	52,666
1970	799	18,281	5,172	49,547	73,000	339	61,366
1971	973	16.292	4,466	40,898	61.656	285	48,054
1972	727	20,996	4,674	55,679	81,349	324	47,810
1973	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975	1,121	26,717	4.834	49.862	81,413	239	26,510
1976	824	34,639	3,649	55,714	94,002	255	50,867
1977	831	33,978	4.246	56,760	94,984	337	65,429
19784	1,120	42.010	4.880	62.988	110,998	334	62,204

¹ Includes whole and skimmed milk. ² Includes Emmenthaler with eye-formation and Gruyère process cheese. ³Beginning 1964, includes colby cheese. ⁴Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 561.—Dairy products: United States imports by country of origin, 1976-78

Commodity and country of origin	1976	1977	19781	Commodity and country of origin	1976	1977	19781
Butter:	Metric tons	Metric tons	Metric tons	Cheese, Swiss: 3	Metric tons	Metric tons	Metric tone
Denmark Sweden	20	133	46 19 25	Austria	7,160 2,258 9,167	7,408 1,605 10,185	9,838 2,040 12,189
New Zealand	162	149	236	Germany, Fed. Rep. of	698	568 1,533	612
Total	255	300	326	Netherlands	32 97	109 131	617
Cheese, all types:				Norway	7,906 4,978	7,105 4,495	8,183 5,180
Canada	5.066	1,062	1,286	Other countries	614		
America	8,085	832	1,253	Total	34,639	33,139	40,991
Belgium and Luxembourg . Denmark	13,672	8.022	7,449	Milk, nonfat dry milk:			
Finland	9,942	699	564	Canada	219	318	516
France	5,274	3,980	4,429	Australia	600	510	600
Germany, Fed. Rep. of Greece	2,314 450	429	476	New Zealand	3 2	*****	1
Iceland	326	554	976		-		
Ireland	161	63	55	Total	824	828	1,119
Italy	6,693	130	232	Casein:			
Norway Portugal	8,487	396	515	Canada	225	10	
Portugal	433	156	193	Argentina	4,594	3,164	1,36
Sweden	1,388 6,210	1,192	1,227	Uruguay	105	280	
United Kingdom	574	1,349	392	Denmark		44	2
Bulgaria	441			Germany, Fed. Rep. of Ireland	524	197	8
Czechoslovakia	262	210	222	Ireland	1,506	1,935	4,10
Poland		1.094	1,292	Netherlands		403	40
Romania		1,000	1,494	Norway	123	579	1,16
Yugoslavia	324		3	Poland	1.280	1,951	1.95
Australia	2,472	2,616	3,029	Soviet Union	877	1,957	2,03
Australia New Zealand Other countries	12,539	13,043	14,145	New Zeeland	15,149 25,201	8,823	8,71
Total		36,751	39,680	Australia	152		04,79
Cheese, cheddar: 2		50,701	30,000	Total	50,867	58,569	52,65
Canada	483	327	334				
Austria	26	11	76				
Germany, Fed. Rep. of		****					
Ireland	20	34	10				
Netherlands	5	26 16	3				
Australia	686	1.033	1,303				
New Zealand	2.428	2,789	3,102	The second second			
Other countries				II.			
Total	3,649	4,236	4,872				

¹ Preliminary.

² Includes colby cheese.

³ Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 562.—Dairy products: Exports by principal exporting countries, 1975-77

Commodity and country of destination	1975	1976	19771	Commodity and country of destination	1975	1976	19771
	Metric	Metric	Metric		Metric	Metric	Metric
Butter:	tons	tons	tons	Condensed milk:	tons	tons	tons
Belgium and				United States 3	953	2,141	2,408
Luxembourg	71,055	66,108	87,077	Denmark 4	3,038	2,676	1,099
Denmark	98,342	91,238	89,905	France	37,762	42,435	42,139
France	77,959	80,308	127,551	Netherlands	68,580	71,872	95,216
Germany, Fed.				Switzerland	3,629	2,391	4,117
Rep. of	142,962	110,322	138,725	United Kingdom	1,067	120	1,101
Ireland	57,410	67,659	51,315	Australia 3	2,495	2,175	2,350
Netherlands	181,649	198,222	169,317	21/2			1
Soviet Union	20,321	16,515	17,800	Total	117,514	123,810	148,430
Australia 8	18,960	52,500	35,900	THE RESERVE TO SHARE			
New Zealand ²	139,980	210,116	212,900		1 - 1 - 1		11 may 1
Total	806,638	892,988	930,490	Milk, dried whole: United States ³	15,785	14000	10 990
Iotal	800,638	092,900	930,490	Belgium and	15,780	14,098	10,579
				Luxembourg	23,168	35.073	43,831
Cheese:				Denmark	42,276	50,514	64,968
Denmark	100.204	116.198	125,382	Finland	22,317	22,601	29,100
Finland	21.546	27.169	35,200	France	42,829	64.188	83,926
France	154,108	175.222	186,119	Ireland	9,605	12,520	28.514
Germany, Fed.	204,200	210,000	100,110	Netherlands	101.593	123,061	141.613
Rep. of	105,363	128,502	149,991	United Kingdom	11.096	11,526	15,231
Ireland	57,202	56,254	38,746	Australia ³	27,261	23,966	37,500
Italy	26,390	26,780	25,261		81,804	20,000	01,000
Netherlands	225,654	242,537	255,093	Total	295,930	357,547	455.262
Switzerland	53,706	54.386	62,100		20,000		400,200
Australia 2	34.247	31.524	41,500	Provide Laborate Laborate			
New Zealand ²	64,592	80,760	79,000	Milk, nonfat dry milk:		-	T.C.
	-			Canada	36,379	98,166	166,000
Total	843,012	939,332	996,392	United States 3	41,074	4,684	17,579
				Belgium and Luxembourg	47,623	39,769	71,269
Evaporated milk:				Denmark	10.554	29,928	21,130
United States	23,406	20,185	13.057	France	113,501	179,168	323,779
Belgium and	20/900	20,100	10,001	Germany, Fed.	110,001	119,100	020,110
Luxembourg	386	781	790	Rep. of	149,471	114,802	249,553
France	14,991	15,606	26.847	Ireland	109,283	141,735	161.036
Netherlands	272,997	298,274	311,362	Netherlands	52,908	154,656	71,889
United Kingdom	13,645	29,442	46,673	United Kingdom	59,577	115,448	55,431
Australia 3	3,493	5,820	6,050	Australia ²	67,359	95,108	110,000
	0/400	0,020	5,000	New Zealand ²	113,672	110.066	296,000
Total	328,918	370,108	404,779				
				Total	801.401	1.083.530	1.543.666

¹ Preliminary.

² Year ending June 30.

³ Excludes exports for relief and charity.

⁴ Includes evaporated and other canned milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 563.—Dairy products: United States exports by country of destination, 1976-78

Commodity and country of destination	1976	1977	19782	Commodity and country of destination	1976	1977	19783
Butter: Bahamas Canada Honduras Jamaica Mexico Trust Territory of the Pacific Islands	Metric tons 28 7 37 41 8	Metric tons 60 32 33 2 145	Metric tons 43 13 1 1 57	Cheese, all types—Con. Canada Haiti Jamaica Mexico Netherlands Antilles Panama Trinidad and Tobago	Metric tons 1,017 49 88 227 115 538 31	Metric fons 1,675 62 46 134 148 624 34	Metric tons 1,306 65 40 261 193 376 104
Other countries	79	-	100	Venezuela	228 10	224 21	188 24
Cheese, all types: Bahamas Bermuda	299 138	272 264 139	312 365 166	United Kingdom Liberia South Africa Japan	23 21 496	18 1 489	19 3 726

See footnotes at end of table.

Table 563.—Dairy Products: United States exports by country of destination, 1976-78—Continued

Commodity and country of destination	1976	1977	19782	Commedity and Country of destination	1976	1977	1978*
Cheese, all types — Con. Hong Kong	Metric tons 49 91 39 473	Metric tons 71 103 36 571	Metric tons 115 105 47 670	Milk, nonfat dry — Con. Mexico Bolivia Brazil Colombia	Metric tons 334	Metric tone 69 417	Metric tons 17,856 31: 17
Total	3,939	4,660	4,775	Paraguay	153	456	2,73
Evaporated milk: Bahamas Jamaica Mexico Panasma Colombia Spain Trust Territory of the Pacific Islands Other countries	102 6 18,306 161 23 613 974	122 11,327 9 13 13 13 724 851	75 12,918 3 68 29 921 954	Netherlands Switzerland United Kingdom Algeria Egypt Mozambique South Africa Sudan Zaire Afrhanistan	8 43 15 2	32 13 16 9 1,347 69 228 314	40 33 2,50 11 2,57
Total	20,185	13,059	14,968	Bangladesh	24	985 27 1,031	15.2
Condensed milk: Baharnas Mexico Guinea Indonesia Other countries	11 1,530 265 107 228 2,141	247 1,539 230 17 375	51 964 231 571	Indonesia Iran Japan Lebanon Pakistan Philippines Other countries	84 672 15 53 6 1,449 1,643	701 48 64 225 8,901 2,626	1,1
Total	2,141	2,400	1,017	Total	4,684	17,803	49,8
Milk, dried whole: 3 Bahamas Canada Canada Casta Rica E Salvador Gustemala Jamaica Mexico Argentina Bolivia Colombia Venesuela Austria France Spain United Kingdom South Africa China, Taiwan Hong Kong Iran Japan Malaysia Philippines Singapore Thailand Austriai Other countries	38 663 166 109 56 72 4,702 4,702 393 411 22 62 431 347 3,786 1 829 139 141 1,193	34 752 13 13 144 38 22 2,793 3799 104 640 459 501 14 1,069 65 78 465 1,103	8 224 8 2 2 677 224 535 226 40 1 1 100 44 234 629 539 1,178 23 945 50 5566	Thailand	67	2,185 204 41 126 95 44 162 101 1809 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 11 22 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Total	14,098	10,579	5,877	Vietnam	438	160	
Milk, nonfat dry: Canada	153 24	224	224	Other countries	9,104	1,010 8,406	1,5

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

¹Excludes exports for relief.
²Preliminary.
³Dry whole milk recategoried in 1978 as "other dried milk and cream".

Table 564. - Dairy products: Price-support operations, United States, 1964-78

	Manuf	acturin	g milk	I	Butterfa		Produc	et purchase per pound	price	P	roduct pr	archase	7
Market- ing year 1	Support	t level	Aver- age price	Suppor	rt level	Aver- age price	Butter	Cheddar		Qua	ntity	Perce of mil cream kete fare	k and mar- d by
	Per cwt.	Per- cent- age of par- ity ²	re- ceived per cwt.	Per pound	Per- cent- age of par- ity ²	re- ceived per pound	(4)	cheese (8)	spray process (*)	Milk- fat con- tent	Non- fat solids con- tent	Milk- fat con- tent	Non- fat solids con- tent
	Dollars	Per-	Dollars	Cents	Per-	Cents	Cents	Cents	Cents	Mil- lion	Mil- lion pounds	Per-	Percent
1964 .	3.15	75	3.29	58.0	75	60.4	57.966	35.6	14.4	239	775	5.4	7.7
1965 .	3.24	75 78	3.45	59.4	75 75	62.1	58.966	36.1	14.6	132	677	3.1	6.9
1966 .	*4.00	89	4.11	1 88.0	83	68.6	*66.466	*43.75	19.6	102	418	2.4	4.3
1967	4.00	87	4.07	68.0	81	68.2	*66.442	43.75	19.6 19.85	259	666	6.2	7.0
1968	4.28	89	4.30	66.0	77	68.4	11 66.418 12 66.394	47.0	23.35	180	568	4.4	6.0
		-			~~	69.6	67.644	48.0	23.35	168	375	4.1	3.9
1969 .	4.28	83	4.55	68.6	75	-	69.846	1	-		-		-
1970 .	4.66	85	4.76	71.5	75	71.1	14 69.798 15 69.711 16 69.754	52.0	27.2	274	470	6.6	4.9
1971 .	4.93	85	4.91	(17)	(17)	69.5	67.784	54.75		252	489	6.0	5.0
1972 .	4.93	79 85	5.22	(17)	(17)	68.1	67.708 1*60.9	54.75 18 62.0	31.7	209	283	4.9	2.9
1973 .	5.29	75 80	6.95	(17)	(17)	68.3	60.9	62.0	37.5	28	53	.7	.6
1974	6.57	81	6.87			61.3	60.57	70.75	56.6	92	415	2.2	4.3
	7.24	89 79	8.12	(17)	(37)		69.19	≈77.25 79.25		52	301	10	
1975 .	217.71	84	((17)	(17)	74.6	21 79.69	21 85.00	2162.4	32	301	1.3	3.1
1976 .	8.13	80	8.52	(27)	(17)	283.4	85.817	90.50 = 92.50	62.4	127	331	2.9	33
(24)	(9.00)	(82)	(8.65)	(17)	(17)		(100.71)	(98.00	(68.0)	(140)	(363)	(6.3)	(6.9
19771	9.00	82 86	9.28	(17)	(17)		100.71	98.00 103.25	71.0	3 137	326	3.1	3.2
1978 .	9.87	80		(37)	(37)		1111.30	106.0	73.75	1			
	≥ 10.76	87		(17)	(17)		121.80	116.0	79.0	25.5	**		

¹ Marketing year changed from April-March to October-September on Oct. 1, 1977.

2 Percentage of the parity equivalent price for butterfat as of the beginning of the marketing year.

3 Announced purchase prices for products in bulk containers.

4 Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 60 percent of the lowest rail freight rate from Chicago to New York.

5 U.S. Grade A or higher, standard moisture basis.

5 U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags. Nov. 1, 4955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967.

7 Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1965-67 marketing year and ending in the 1973-74 entraining year under Section 700 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of the Pood and Agriculture and Consumer Protection Act of 1973.

8 Effective June 24, 1968.

1 Effective June 1974.

1 Effective June 1975.

1 Effective June 1975.

2 Effective June 1975.

2 Effective June 24, 1968.

2 Effective June 1975.

2 Effective June 25 (1976).

2 Effective June 26 (1976).

2 Effective June 27 (1976).

2 Effective June 28 (1976).

3 Effective June 27 (1976).

3 Effective June 28 (1976).

3 Effective June 27 (1976).

3 Effective June 28 (1976).

4 Effective June 27 (1976).

4 Effective June 28 (1976).

4 Effective June 28 (1976).

4 Effective June 28 (1976).

4 Effective June 29 (1976).

4 Effective

³⁴Transition period. ** Fercent of parity as of that de

Agricultural Stabilization and Conservation Service.

Table 565.—Dairy products: United States exports by type of product, 1964-78

				Milk an	d cream	
Year	Butter	Cheese	Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric
964	59,124	3,773	16,913	28,503	5,596	tons 380,36
968	20,590	3.086	11.191	29,859	8,456	199,1
966	1,074	3,086 2,712	17,400 15,318 14,831 16,849	42,776	7,069	77,2
967	152	2,860 2,968	15,318	13,247	5,397	63,9
68	703	2,968	14,831	19,270	7,790	68,3
70	244	2,590 3,055 2,948	16,849	23,668	6,308	50,6
71	143 41,192	3,000	15,110	7,452	5,713	96.2
72	18,907	2,948	19,820	15,947 6,738	10,708	56,3
73	1,501	2,904 3,180 3,433	15,110 14,820 18,373 18,768	895	17,060 22,427	70,2
74	264	3,433	18,449	1.013	20,284	4,7 3,0
78	313	3,879	24,019	1,013 957	15,783	41.0
76	199	3,879 3,939	20,185	2,141	14,098	4,6
77	272	4,660 4,775	13,057	2,141 2,408 1,819	10,579	17,5
9782	270	4,775	14,967	1.819	5.877	49.8

¹ Excludes exports for relief and charity. ² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 566.—Chickens: Number and value, United States, Dec. 1, 1969-781

	1785		Pullets					
Year	Of laying	Of laying age	3 months old and older not of laying age	Under 3 months old	Other chickens	All chickens	Value per head	Total value
1969 1970 1971 1972 1973 1974 1975 1976 1977 1977	Thousands 136,874 134,376 136,915 131,119 125,708 121,849 122,513 118,998 117,572 122,713	Thousands 176,649 189,007 181,063 169,035 168,095 164,184 157,230 160,656 169,051 169,438	Thousands 50,832 50,206 50,559 48,833 52,026 46,752 48,404 47,769 47,650 48,240	7housands 51,083 52,994 46,908 49,022 56,854 45,832 46,261 45,184 46,186 48,169	Thousands 6,658 6,697 6,318 6,182 6,086 5,484 5,346 5,631 5,970 5,945	Thousands 422,096 433,290 421,763 404,191 408,769 384,101 379,754 378,236 366,429 394,505	Dollars 1.28 1.21 1.23 1.28 1.62 1.70 1.74 1.70 1.69 1.75	I,000 dollars 541,45 525,20 517,21: 516,42 662,50: 653,30 659,90 643,51 652,30 691,32

¹ Does not include commercial broilers. ² Preliminary.

Table 567.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1976-78

				Hens and	pullets of l	aying age			
State		Hens			Pullets			Total	
	1976	1977	19781	1976	1977	19781	1976	1977	19781
	Thou-	Thou-	Thou-						
	3,950	5,600	5,150	9,580	8,610	9,200	13,500	14,210	sands 14,350
ska	23	21	14	8	6	10	31	27	24
8	505	257	345	262	281	140	767	538	480
ir	6,206	5,894	6,057	9,419	11,406	10,843	15,625	17,300	16,900
	21,969 970	20,664	20,985	14,953	15,736	15,591	36,922 2,130	36,400 2,320	36,576
· · · · · · · · · · · · · · · · · · ·	1,820	1,848	1,720	1,965	1,852	1,260 2,520	3,785	3,700	2,360 4,240
	238	228	243	372	352	397	610	580	640
	6,472	6,340	6,557	6,603	6,817	5,935	13,075	13,157	12,492
	6,871	7,215	7,648	17,192	17,785	17,852	24,063	25,000	25,500
	632 485	677 528	619 490	377 296	327 366	406	1,009	1,004	1,025
		2,200	2,300	4.220	3,750	3,550	781 6,300	894 5.950	900 5,850
	5,927	5,200	5,800	7,273	9,000	9,700	13,200	14,200	15,500
	3,980	2,490	2,500	5,270	5,660	5,900	9,250	8,150	8,400
	937	926	936	1,563	1,274	1,204	2,500	2,200	2,140
	1,250	900	1,050	1,750	1,600	1,550	2,550	2,500	2,600
	4.019	1,217	3,890	3,481	1,353 5,300	1,358 3,840	2,845 7,500	7,000	2,586 7,730
	630	640	570	820	710	805	1,450	1.350	1,730
**********	593	465	550	782	1.006	620	1,375	1.470	1,170
**********	3,060	2,967	2,850	3,380	3,333	3,500	6,440	6,300	6.350
	3,380 2,356	3,700	4,410	5,720	5,800	4,890	9,100	9,500	9,300
	2,356	3,209 2,150	2,685 2,622	5,184 3,100	4,491 3,350	4,719 3,078	7,540	7,700	7,404
	432	309	325	348	482	415	5,150	5,500	5,700 740
	1,240	1,200	1,265	2,110	2,300	2,335	3,350	3,500	3,600
	22	9	8	6	2	2	28	11	10
	349	330	460	565	545	420	914	875	880
	1,275	741 690	885 928	1,025	1,111	665	2,300	1,852	1,550
	3,420	3,040	3,400	4.180	4.260	3,950	1,102 7,600	1,348 7,300	1,547 7,350
	4.324	4,600	5,300	7,749	7,900	8,200	12,073	12,500	13,500
	192	190	188	328	240	192	520	430	380
**********	3,830	3,300	3,350	4,870	8,900	6,050	8,700	9,200	9,400
************	812 1.350	760 1,250	630 1,150	1,223 950	1,690	2,270	2,035	2,450	2,900
	4,565	6,025	5,401	7,335	1,030 8,175	1,250 9,499	2,300 11,900	2,280 14,200	2,400 14,900
	53	134	48	143	96	192	196	230	240
	2,276	2,280	1,900	2,774	3.320	4,000	5,050	5,600	5,900
*********	1,044	1,057	903	1,656	1,657	1,627	2,700	2,714	2,530
	1,980	1,960	2,350	2,395	2,355	1,850	4,375	4,315	4,200
************	2,440 724	4,230 859	4,200 850	8,160 663	7,270	8,200 850	10,600	11,500	12,400
	140	180	145	346	350	330	1,387 486	1,669	1,700
	1,317	1,634	1,597	2.360	2,316	2,432	3,677	3,950	4.029
	2,732	2,679	3,016	1,561	2,087	2,046	4,293	4,766	5,062
***********	400	300	320	570	420	440	970	720	760
*************	2,375 61	1,800	1,728	2,325 59	2,475 58	2,290 36	4,700 120	4,275	4,018 83
3	118,998	117,572	122,713	160,656	169,051	169,438	279,654	286.623	292,151

E

¹ Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 568.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1976-78

			_						
State		3 months of laying		Pullets u	nder 3 mo	nths old	Otl	ner chicke	ns
	1976	1977	19781	1976	1977	19781	1976	1977	19781
	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-	Thou-
1.1004	sands	sands	sands	aands	sands	sands	sands	sands	sands
	3,130	2,720	2,820	3,090	3,400	2,790	580	570	64
ka	12	17	77	16			1	1	
*************	3.853	4,147	3,520	3,615	3,331	3,834	827	846	88
	4,854	4.320	4.787	4.165	4,706	4,464	250	190	193
	415	155	240	165	360	340	15	15	10
	959	850	736	638	709	950	8	21	11
	131	1.704	137	161	139	153	48	71	56
	4,900	4,948	2,509 4,890	2,351 4,300	2,045	2,197	119	136	104
nii	87	137	131	158	160	4,700	753	783	780
0	153	178	168	148	101	132	7	14	11
	680	710	770	750	970	920	70	70	60
	2,521	2,748	2,616	2,843	2,786	2,702	56	76	85
**********	1,530	1,330	1,145	1,200	1,490	1,070	100	100	86
	340 400	185	294	295	191	150	34	24	16
	400	550 700	500 604	260 525	380	340	90	70	60
	1,636	1.416	2,360	1,750	1,525	300 1,995	80	100	100
	227	197	169	227	170	165	91 61	144	80
	239	290	196	241	180	174	15	50	40
	641	915	840	799	703	900	32	41	54
	1,350	1,320	1,135	1,110	1,460	1,370	120	130	110
	1,523	1,640	1,591	1,589	1,738	1,407	307	463	425
********	1,110	1,155	1,065	800	1,000	1,165	40	45	70
	83 283	82 371	129	138	138	57	4	4	4
	263	3/1	375	162	189	193	35	30	30
	216	265	195	190	270	233	24	15	. 80
	96	126	125	143	74	47	8	6	6
	239	390	253	97	230	308	12	2	
********	1,200	1,490	1,230	1,150	1,250	1,230	50	60	40
	3,135	3,250	3,500	2,840	2,850	3,100	752	800	600
	1.035	1.550	1 200	30	29	20	12	13	1
	348	340	1,300	1,680	1,665	1,470	85	85	80
	210	310	210	260	190	260	30	50	130
********	1,354	1.364	1.397	1,122	1,491	2.140	136	165	186
	20	18	32	7	1		1	1	100
	1,138	1,012	1,022	854	912	1,047	71	76	81
	313	294	236	235	176	186	13	16	16
	520	660	590	510	525	455	95	100	100
* * * * * * * * * * * * * * * * * * * *	2,190	1,130	1,900	1,590	1,430	2,150	220	240	350
	223 83	30	108	210	284	335	1 3	5	3
	686	948	690	776	481	667	146	143	150
	633	575	511	644	398	624	51	35	37
	97	90	100	40	140	125	23	30	35
	572	684	621	794	738	723	64	44	3/
	6	4	3	2	2	2	2	2	- 1
	47,769	47,650	48.240	45,184	46,186	48,169	5.631	5,970	5.945

Preliminary.

Table 569.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1976-781

	303	Number		V	lue per he	ad		Total value	
State	1976	1977	19782	1976	1977	19783	1976	1977	19782
	1.000	1,000	1.000				1.000	1.000	1.000
	head	head	head	Dollars	Dollars	Dollars	dollars	dollars	dollars
A	20,300	20,900	20,600	1.45	1.60	1.65	29,435	33,440	33,99
aska	32	28	26	3.80	4.45	4.15	122	125	10
niz	795 23,920	565	570	2.00	1.60	1.55	1,590	904	88
dif	46,191	25,624 45,616	25,134 46,020	1.65	1.90 1.55	2.05 1.55	39,468	48,686	51,52
do	2,725	2.850	2,950	1.80	1.60	1.60	80,834 4,905	70,705 4,560	71,33
nn	5,390	5,280	5,940	2.35	2.20	2.05	12,667	11.616	12,17
d	950	950	980	1.85	2.00	2.00	1,758	1,900	1,96
A	17,504	17,042	17,302	1.58	1.40	1.55	27.131	23,859	26.81
	34,016	35,138	35,870	1.60	1.60	1.85	54,426	56,221	66,36
waii	1,254	1,301	1.333	2.45	2.60	2.75	3.072	3,363	3,66
aho	1,089	1,187	1,211	1.70	1.70	1.95	1.851	2.018	2.36
************	7,800	7,700	7,600	1.50	1.45	1.45	11,700	11.165	11.02
d	18,620	19,810	20,900	1.45	1.35	1.50	26,999	26,744	31,35
wa	12,080	11,070	10,700	1.55	1.60	1.65	18,724	17,712	17,65
ms	3,169	2,600	2,600	1.55	1.70	1.50	4,912	4,420	3.90
Y	3,300	3,500	3,500	1.70	1.90	1.75	5,610	6,650	6,12
	3,850	3,790	3,590	1.90	1.95	1.90	7,315	7,391	6,82
ine	10,977	10,085	12,170	2.30	2.20	2.10	25,247	22,187	25,55
***********	1,965	1,775	1,775	1.90	2.05	2.05	3,734	3,639	3,63
	1,870	1,990	1,580	2.40	2.05	2.05	4,488	4,080	3,23
	7,912	7,959	8,140	1.65	1.35	1.55	13,065	10,745	12,61
	11,680	12,410	11,920	1.55	1.75	1.50	18,104	21,718	17,88
***********	10,959	11,541	10,827	1.90	1.95	1.95	20,822	22,506	21,113
	7,100	7,700	8,000	1.60	1.55	1.60	11,360	11,935	12,80
	1,005	1,015	930	1.90	1.95	1.85	1,910	1,979	1,72
	3,830	4,090	4,200	1.80	1.70	1.75	6,894	6,953	7,35
	1,344	14	13	1.95	2.15	2.10	60	30	2
	2,547	1,425 2,058	1,360 1,728	2.30 1.75	2.10	2.10	3,091	2,993	2,85
lex	1.450	1,970	2.110	1.85	1.85	1.75	4,457	3,807	3,02
	10,000	10,100	9.850	2.10	2.00	2.15 1.80	2,683	3,743	4,53 17,73
	18,800	19,400	20,700	1.55	1.65	1.90	21,000 29,140	20,200 32,010	40,36
nk	600	510	455	1.65	1.80	1.60	990	918	72
	11,500	12.500	12,250	1.70	1.50	1.50	19.550	18,750	18,37
	2,900	3,100	3,700	1.65	1.65	1.70	4.785	5,115	6.29
	2,800	2,800	2,900	2.00	2.00	2.10	5,600	5,600	6,09
	14.512	17,220	18,625	1.85	1.90	1.80	26,847	32,718	33,52
	224	250	273	2.55	2.35	2.25	571	588	61
	7.113	7,600	8.050	1.65	1.60	1.55	11,736	12,160	12.47
ak	3,261	3,200	2.968	1.80	1.75	1.45	5,870	5,600	4,30
n	5,500	5,600	5,350	1.55	1.50	1.95	8,525	8,400	10.43
	14,600	14,300	16,800	1.60	1.80	1.80	23,360	25,740	30,24
h	1,821	2,094	2,150	1.75	1.80	2.05	3.187	3,769	4,40
	656	650	570	2.40	2.35	2.25	1,574	1.528	1.28
	5,285	5,522	5,541	1.80	1.95	1.90	9,513	10,768	10,52
sh	5,621	5,774	6,234	1.80	1.65	2.25	10,118	9,527	14,02
Va	1,130	980	1,020	1.55	1.45	1.65	1,752	1,421	1,68
**********	6,130	5,741	5,400	1.75	1.65	1.65	10,728	9,473	8,91
0	130	105	90	1.85	2.00	2.05	241	210	18
U.S	378,238	386,429	394,505	1.70	1.69	1.75	643,511	652,308	691.32

¹ Does not include commercial broilers. ² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 570.—Chickens: Number in specified countries, 1976-781

Continent and country	1976	1977	19782
North America: Canada Mexico United States	Millions 24 37 281	Millions 24 38 280	Millions 24 40 287
Total	342	342	351
South America: Argentina Brazil Peru Venezuela	28 34 6 7	18 34 6 8	16
Total	75	66	60
Europe: Belgium and Luxembourg Denmark France Germany, Fed. Rep. of Iroland Italy Netherlands United Kingdom	14 5 64 60 4 51 20 58	14 5 62 62 4 51 18 58	14 6 64 60 4 52 22 25
Total BC	276	274	279
Austria Finland Greece Spain Sweden Switzerland	8 6 23 50 7 3	9 6 23 53 7 7	22
Total Western Europe	97	101	97
Czechoslovakia Hungary Poland Romania Yugoslavia	21 26 67 45 33	21 26 77 47 35	21 29 70 40 30
Total Eastern Europe	192	206	200
Total Europe	289	307	300
Soviet Union	370	398	43
Africa: South Africa ³	17	16	10
Asia and Oceania: Israel Japan Turkey Australia ³	6 148 46 11	6 152 48 11	15 5 1
Total	598	631	670
Grand total	1,674	1,744	1,83

¹Chickens in laying flock. ²Preliminary ³Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachée and Foreign Service Officers, results of office research, and related information.

Table 571. - Chickens: Production, disposition, cash receipts, and gross income, by States, 1978 (preliminary)1

			Number			Pon	Pounds (live weight)			Value of	1	Value of	
State	Raised	Lost 2	Produced	Consumed on produc- tion units	Sold	Produced 3	Consumed on produc- tion units	Sold	pound live weight	chickens	receipts (sales)	consumed on produc- tion units	Grome
						1,000	1,000	1,000		1,000	1,000	1,000	
	Thousands 15.300	Thousands 2,200	Thousands 13,100	Thousands 600	Thousands 12,800	pounds 66,041	1,800	64,000	Cents 12.8	dollars 8,453	8,192	dollars 230	SA22
Alaska	19	818	346	7=	330	1.835	28.5	1.320	21.0	\$8	o 98	800	
	21,924	2,988	18,926	009	18,816	112,328	2,400	112,896	12.2	13,704	13,773	283	
, J	25,559	5,534	20,025	245	19,376	78,389	986	75,566	10.0	5,487	5,280	200	
	3.550	386	3,155	8	2.487	13,784	42	10,943	12.3	1,695	1,346	100	
	632	101	525	22	473	3,164	101	2,933	14.9	471	437	9:	
*************	11,600	1,800	008'6	102	9,438	31,768	1 700	0.9 5.02	24.0	15.809	13.474	248	
	24,600	3,500	430	300	396	1.476	1,006	1.386	14.0	202	194	-	
04	733	120	613	8	809	2,332	320	1,985	8.5	198	160	5	
	5,450	980	4,500	250	4,350	16,742	1,000	16,095	8.0	1,336	1,288	8	
	15,700	009	14,100	88	12,510	06,919	1,640	94 045	200	101.0	1 996	136	
	2,300	360	1.940	300	1.640	6,269	1,060	5,248	15.0	940	787	156	
	3,320	009	2,720	620	2,100	7,733	1,984	6,930	11.0	851	762	218	
**************	3,100	280	2,520	300	2,420	15,093	1,020	14,020	200	1,806	9.896	Sa a	
ne	6,700	2000	9,780	100	1,400	7.897	986	2,000	13.0	1.018	973	98	
	1,640	130	1,510	11	1.909	8.484	19	10,500	12.3	1,044	1,292	9	
	9,600	680	4,950	300	4,560	22,338	196	20,976	0.11	2,457	2,307	101	
u	680'6	1,375	7,714	380	7.824	31,335	1,634	31,296	8.8	100	1,033	200	
	8,436	1,180	7,286	200	000'	38,270	1,600	94 900	10.4	6,987	4 979	189	
	0000	200	070'6	96	2000	2,607	640	2,180	102	182	153	4	
II	0076	089	1,830	330	1.000	6.766	1.188	5.106	6.7	453	342	8	
	11	•	7	*	*	8	16	16	80	0	-		
************	1,100	110	88	un g	1,050	6,575	88	6,615	200	200	814	9:	
	1,385	280	300	RS	1,400	4,081	38	3,340	10.9	284	234		
Mex	0.000	1 900	2,000	906	7.005	82,029	1.125	31.613	7.4	2.370	2,339	88	
	13,300	2,000	11,300	1,000	0000	72,475	4,500	63,000	21.6	15,582	13,545	896	
Dak	200	140	260	306	310	2,233	1,159	1,302	3.6	8	47	7	
	8,900	1,800	7,100	98	7,100	38,686	1,125	36,920	0.00	3,482	3,323	101	
Okla	2,645	2000	1,000	98	1,530	6,451	38	5,600	8.5	548	476	3	
************	A-Sour	COO.	T-CO-T	207	1	TOTAL OF	200	- march	200				

2,885 2,885 363 363 4,211 1,92 2,607 1,368 4,46 3,067 1,8	134,473
. EE E E E E E E E E E E E E E E E E E	6,455
2,804 3,902 3,962 3,962 1,348 1,348 2,863 2,863 1,348	129,018
315 315 315 1,986 1,488 1,488 470 2,846 13	139,609
15.50 15.50	12.4
869 17,200 6,248 13,500 2,600 1,732 1,732 1,732 1,736 18,066 18,065 18,065	1,038,820
6 1,110 1,225 1,225 1,750 2,82 2,82 1,288 1,288	44,106
979 19,742 6,296 13,096 39,757 18,383 19,073 3,465 1410	1,115,296
158 4,000 1,662 2,700 7,44 333 2,781 4,216 600 3,611 301	217,989
188888 95 2884 18888 95 28 28 28 28 28 28 28 28 28 28 28 28 28	11,415
188 1,680 10,600	237,480
23 2000 2000 180 130 130 850 850 850 850 850 850 850 850 850 85	41,581
26,266 2,200 2,200 11,000 11,000 4,200 64,200 64,200	279,061
REC S. Dak S. Dak Tear Ush Ver Va W. Wash	

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board. ¹Excludes broiler production. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

¹Less during year.

²The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in liventory.

Table 572.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1964-781

			United Su	stes, 1704-	.10.				
					Numi	ber			
	Year		Raised	Lost ²	Produc	*bec	on p	nsumed roduction units	Sold
1970 4 1971 1972 1973 1973 1974 1975			7housands 315,531 301,059 335,582 320,679 298,990 309,314 324,483 316,755 291,352 288,826 288,823 276,035 271,069 288,024 279,061	Thousands 90,197 61,056 56,701 57,265 54,313 57,144 60,614 58,507 58,045 47,766 46,233 43,210 41,581	254 247 263 244 285 265 265 265 265 275 275 275 275 275 275 275 275 275 27	2,334 3,334 3,001 3,861 3,414 3,777 2,174 3,869 3,248 3,307 1,067 2,118 2,825 3,528 4,834 7,480	73.	48,826 40,360 33,391 29,148 25,604 22,238 19,369 17,908 16,110 14,658 14,421 13,451 12,790 12,166 11,415	Thousands 194,652 201,506 212,170 229,337 225,366 218,929 233,316 251,957 234,769 231,832 252,366 223,721 217,986
Year	Produced	Consumed on production units	ight) Sold	Price per pound live weight	Value of chickens produced	Tece	sh ripts les)	Value of chickens consumed on production units	Gross
1964	1,000 pounds 1,169,504 1,261,578 1,258,481 1,108,815 1,144,029 1,190,105 1,211,567 1,117,816 1,172,220 1,186,148 1,066,512 1,107,068 1,166,554 1,115,296	1,000 pounds 179,351 151,147 123,374 108,468 95,957 83,897 73,409 67,941 61,724 56,246 55,162 51,393 49,124 47,019	1,000 pounds 936,634 969,288 1,031,688 1,156,613 1,090,428 1,062,969 1,120,603 1,192,639 1,128,813 1,121,546 1,202,562 1,047,000 1,046,727 1,077,234 1,038,820	Cents 9.2 8.9 9.7 7.9 8.2 9.7 9.1 7.8 8.9 15.1 9.7 9.9 12.9 12.0	1,000 dollars 107,984 100,749 122,576 99,393 91,838 110,827 107,178 94,751 100,457 176,454 114,896 104,669 144,602 142,072 139,609	80 80 80 90 90 90 100 100 100 100 100 100 100 1	3,814 3,329 9,588 1,206 9,580 3,566 2,279 2,876 0,634 9,495 3,414 4,093 5,494 9,548	1,000 dollars 16,039 13,202 11,400 8,379 7,645 7,556 5,262 5,155 7,878 5,213 5,175 6,215 5,534 5,455	1,000 dollars 101,833 99,531 111,360 99,585 97,225 111,122 108,635 98,138 105,789 177,373 121,627 109,288 141,711 135,082 134,473

U

B

¹ Excludes broiler production.
2 Loss during year.
3 The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.
4 Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

Table 573.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1977¹

	Nation	al Poultry	Improvemes	nt Plan	Nation	al Turkey I	mprovemen	t Plan
State	Hatel	heries	Supply	flocks	Hate	heries	Supply	flocks
	Number	Egg capacity	Flocks	Birds	Number	Fag capacity	Flocks	Birds
	75	Thou- sands 46,546	Num- ber 403	Thou- sands 4,082		Thou-	Num- ber	Thou- sands
2		40,040	403	4,002	*****	*****	*****	
	29	30,541	382	3,453	2 9	856	10	6
if	9	(1)	22	214	9	(2)	110	42 2
o	19	223	335	7	2	945	8	2
	8	1,661 12,853	(2)	(2)		60	*****	*****
	29	13,878	178	1,188	3	83	******	(3)
	29 51	49,422	623	6,252	i	325	1	(*) 2
ho	3 77	795	8	58				
*************	77	3,353	185	109	3 2 5 1	530	18	5
	35 52	7,565	154	542	2	616	4	1
	17	6,585 1,867	167 53	289 40		860	22	8
	17	868	12	137		560	*****	
	30	3.754	46	335			*****	
	7	3,578 16,798	55	101			******	******
	15	16,798	284	975	1	11	1	(3)
	7	1,596	351	177	*****		14	(3)
*************	5	1,181	10	82	1	434	14	20
	47	7,938 25,087	181 411	371 2,597	12	6,976	154	583
	47 50 17	5,351	330	192	8	2,060	24	8
	3	401	2	(8)		2,000	24	
	26	2,156	124	52	1	200	2	
	3	1.338	59	198	2	89	3	
	11	2,276	71	14	2	142		
	******	2 400	******	******	******	*****	*****	*****
	23 46	2,430 37,757	55 666	218 5,814	2 8	77	1	
	6	387	10	2	1	3,416 45	73	454
**********	20	4,531	130	208	1 6	1.912	21	8
	20 21	1.495	269	21	3	459		
	11 67	3,540	109	67	3 3 5 1	594	13	
	67	10,552	160	856	5	412		
	7	3,146	22 54	137	1	12	1 2	(3)
	19	1,447	39	52	1	832	2	1
**********	18	1,601	153	139		*****		******
	39	1,601 5,702	49	267	7	2,154	49	32
	2	122	3	5	2	810	1	3
		0.00*	8	28	3	******		******
	4 9	2,031 2,286	114 32	472	3	1,417	35	15
	9	2,200	32	152			2	1
	20	2,588	46	179	3	1.062	20	7
		*****	*****			*****	*****	
	949	327,226	6,373	30,313	101	27,949	604	2,490

Year beginning July 1, 1977.
 Not reported.
 Less than 1,000 birds.

POOTNOTES FOR TABLE 576

Science and Education Administration.

¹Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

² Includes value of consumption in households of producers, which is less than 1 percent of total production.

³ Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

⁴ Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 574.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1964-77

Total	Other	Incress- mated	Cross- mated	Rhode Island Red	Barred Plym- outh Rock	White Plym- outh Rock	White Leg- horn	New Hamp- shire	Total birds	States report- ing	Year beginning July
Percent	Percent	Percent			Percent			Percent	Number	Number	
100.	0.6	6.8	73.4	0.7	0.7	5.2	12.2	0.4	32,938,647	47	1964
100.	1.2	6.0	75.7	.5	.3	5.1	10.8	.4	34,148,409	47	1965
100.	.2	6.1	77.5	.6	.3	5.0	10.0	.3	38,128,303	47	1966
100.	.6	6.2	78.4	.6	4	3.8	9.9	.3 .2 .2	33,505,974	47	1967
100.	1.4	5.8	79.7	.3	A	3.1	9.1	.2	33,507,516	47	1968
100.	.6	5.0	82.4	.3	.1	29	8.6	.1	35,844,809	47	1969
100.	.7	5.6	80.9	4	.3	3.3	8.5	.3	37,584,000	45	1970
100.	1.6	6.8	77.8	.4	A	3.9	8.9	.2	32,053,535	46	1971
100.	1.6	5.7	79.1	4	.3	4.7	8.0	.2	28,922,101	47	1972
100.	.9	5.5	81.9	4		1.5	9.3	.2	26,647,427	47	1973
100.	2.3	5.5	80.4	A	.3	.6	10.2	3 2 2 2 3	25,120,867	47	1974
100.	2.2	4.8	82.8	4	3 3 2 2	.6	8.9	.1	26,697,301	47	1975
100.	1.6	4.5	83.7	4	.2	.6	8.9	.1	28,839,301	47	1976
100.	1.8	5.3	82.5	4	A	1.0	8.5	1	30.312.932	47	1977

Science and Education Administration.

Table 575.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1964-78

B

		Production		Com-	111	Exports		C	onsumptio	n
Year	Com-	011		mercial storage at be-	Imports	and ship- ments to	Com- mercial storage		Civi	lian
	mercial broilers	Other chickens	Total	ginning of year		Terri- tories	at end of year	Military	Total	Per capita
	Million	Million	Million	Million	Million	Million	Million	Million	Million	Pounds
964	5,444	751	6,195	135	pounus	204	139	87	5,900	31.5
965	5,872	746	6,618	139		168	108	94	6,387	33.4
966	6,437	761	7,198	108		167	163	97	6,879	35.6
967	6.552	827	7,379	163		156	170	104	7,112	36.0
968	6,653	769	7,422	170		162	97	100	7,233	36.7
969	7,175	732	7,907	97		166	110	88	7,640	38.4
970	7,687	778	8,465	110		182	163	69 75	8,161	40.8
971	7,724	792	8,516	163		202	149	75	8,253	40.8
972	8,147	740	8,887	149		206	111	52	8,667	42.0
973	8,025	736	8,761	111		203	146	47	8,476	40.7
974	8,126	789	8,915	146	*****	235	175	34	8,617	41.1
975	8,127	696	8,823	175		273	114	39	8,572	40.6
976	9,067	684	9,751	114		451	155	33 26	9,226	43.3
977	9,418	700	10,118	155	*****	482	138	26	9,627	44.8
9781	10,151	666	10,817	138		505	102	32	10,316	47.3

Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 576. - Chickens: Broiler production, and gross income, United States, 1964-781

**	Produ	ection	Price per	Gross		Produ	action	Price per	Gross
Year	Number	Weight	pound	Income 2	Year	Number	Weight	pound	income 2
1964 1965 1966 1968 1968 1970	Thousands 2,161,172 2,333,633 2,570,516 2,591,850 2,619,855 2,788,732 2,986,769 2,945,348	1,000 pounds 7,521,269 8,111,426 8,968,508 9,183,426 9,326,341 10,047,769 10,818,916 10,817,657	Cents 14.2 15.0 15.3 13.3 14.2 15.2 13.6 13.8	1,217,383 1,371,006 1,222,641 1,325,665 1,531,404	1972 1973 1974 1975 1976 1977	Thousands 3,074,921 3,008,667 2,992,820 2,950,099 3,282,841 3,399,999 3,619,147	1,000 pounds 11,490,101 11,219,885 11,320,396 11,096,015 12,517,347 12,992,527 14,052,389	Cents 14.1 24.0 21.5 26.3 23.6 23.6 26.3	1,000 dollars 1,622,638 2,690,362 2,436,224 2,915,017 2,963,278 3,066,836 3,690,807

See footnotes on page 401.

Table 577.—Chickens: Broiler production and gross income, by States, 1977 and 19781

		19	77			19	784	
State	Prod	uction	Price per	Gross	Prod	uction	Price per	Gross
	Number	Weight	pound ²	income 3	Number	Weight	pound 8	income 3
	Thou-	1.000		1.000	Thou-	1.000		1.000
	sands	pounds	Cents	dollars	sande	pounds	Cents	dollars
Ala	428,099	1.583,966	22.0	348,473	441,699	1.634.286	25.0	408.573
Ark	569,558	2.050,409	23.3	477,745	612,102	2,203,567	26.2	577,338
Calif	112,500	495,000	26.7	132,165	122,400	575,280	28.3	162.80
Conn	1.083	4,549	23.1	1.061	0	010,200	20.0	102,00
Del	156,061	624.324	23.0	143,595	166,986	684,643	26.0	178.00
Fla	75,727	295,335	22.4	66,155	81.685	318,572	24.8	
	485,879	1.797.782	23.7	426,067		010,072		79,00
	2,158	6,906		2.901	531,889	2,021,178	26.0	525,50
			42.0		2,281	7,755	40.5	3,14
	13,624	50,409	23.4	11,796	14,409	54,754	26.5	14,51
lowa	3,494	31,446	30.5	9,591	3,425	29,113	44.0	12,81
Ку	3,600	12,600	22.0	2,772	3,303	10,900	25.0	2,72
A	63,634	235,446	23.8	56,036	75,736	287,797	26.7	76,84
Maine	86,938	365,140	23.1	84,347	87,895	369,159	25.0	92,29
Md	198,509	794,036	23.0	182,628	220,882	905,616	26.0	235,46
Mich	910	3,913	26.0	1,017	1,190	5,355	29.2	1,56
Minn	14,200	61,060	27.1	16,547	15,100	64,930	30.2	19,60
Miss	255,846	972,215	24.3	236,248	269,373	1,050,555	27.0	283,65
Mo	24,054	93,811	22.7	21,295	22,164	86,440	26.7	23.07
Nebr	1,680	6,720	35.0	2.352	1.530	5,508	45.0	2.47
N.C	339,271	1.357.084	23.4	317,558	353,480	1,413,920	25.9	366,20
Ohio	19,400	71,780	23.1	16.581	23,000	87,400	25.8	22.54
Okla	29,294	105,458	23.5	24,783	35,338	134,284	26.0	34,91
Oreg	15,600	62,400	28.5	17,784	15,500	63,550	31.0	19,70
Pa	88,140	352,560	25.2	88,845	99,300	397,200	27.3	108,43
S.C	34,481	120,684	22.3	26,913	39,045	140,562	24.9	35,00
Tenn	48,884	180,871	22.0	39,792	45,159	167,088	25.0	41,77
Tex	185,322	722,756	25.3	182,857	198,353	773,577	28.0	216.60
Va	98,024	372,491	22.8	84,928	91,562	393,717	24.9	98.03
Wash	16,846	67,384	29.2	19,676	17,252	70,733	30.8	
W. Va	16,256	50,394	27.0	13,606	16,197	50,211		21,78
	10,907	43,628	24.6	10,000			29.0	14,56
		-	24.0	10,732	10,912	44,739	26.5	11,85
U.S	3,399,999	12,992,527	23.6	3,066,836	3,619,147	14,052,389	26.3	3,690,80

¹Commercial broiler production including production of other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year.

²Live-weight equivalent price.

³Includes home consumption which is less than 1 percent of total production.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service-Crop Reporting Board.

Table 578.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1964-78

			Chicks hatched		Average price of	Value of chick
	Year		Egg-type	All	baby chicks per 100	production
1965		Thousands 2,305,959 2,513,861 2,747,592 2,758,542 2,799,089 3,025,040 3,189,169 3,167,952 3,267,457 3,206,966 3,104,430	Thousands 528,371 488,965 569,333 534,818 514,301 529,888 571,142 527,473 491,354 534,256 473,403	Thousands 2,834,330 Dol. 488,965 3,971 2,834,330 534,618 3,293,360 514,301 3,554,928 571,142 3,695,425 527,473 3,760,311 491,354 3,756,811	Dollars 13.5 13.2 12.6 11.7 11.7 11.2 11.6 11.1	1,000 dollars 381,86 395,77 384,18 350,90 358,94 386,72 385,64 405,31 389,59 441,96 473,78
1976		3,169,071 3,488,326 3,636,672 3,879,303	453,804 492,180 501,913 491,551	3,622,875 3,980,506 4,138,585 4,370,854	14.6 15.4 15.8 16.3	493,19 568,95 612,59 667,72

Table 579.—Chicks hatched by commercial hatcheries: Number and average price, by States, 1977 and 1978

1

You Mar Tot You Old Fry Tot Duc Oth Tot

		Broiler-ty	pe chicks			Egg-typ	e chicks	
State	Hate	Hatched		rice per 100	Hate	ched	Average pri	ice per 100
	1977	1978	1977	1978	1977	1978	1977	1978
	Thousands	Thousands	Dollars	Dollars	Thousands	Thousands	Dollars	Dollars
Ala	468,097	505.561	10.50	9.90	11.185	12.030	34.80	35.5
Ark	639,044	675,420	15.00	15.50	28.012	30,285	33.50	33.6
Calif	120,352	130,736	21.90	21.20	50.031	51,382	39.30	39.9
Conn	2,546	3,758	13.30	13.90	1.547	1.833	40.90	41.2
	172.351	179,457	12.90	13.00	(1)	(1)	90.50	41.0
	91,310	96,683	11.00	12.10	39,761	37,996	29.90	29.9
		570,969	11.50		49,282		37.00	38.6
	523,385		11.50	13.10	13.975	50,903		
M	(1)	(1)				11,740	48.60	47.1
nd	19,709	21,021	29.70	31.70	36,189	33,265	35.50	38.2
owa	(1)	(1)	*****		21,133	19,483	51.30	47.7
Kans	533	547	29.50	30.90	4,882	3,731	43.30	40.6
Maine	88,259	87,465	13.30	13.90	14,553	12,981	40.90	41.2
Md	210,007	225,822	12.90	13.00	(1)	(1)		
Mich	(1)	(1)			8,535	7.117	39.60	38.7
dinn	15,598	16,769	29.90	32.10	21.548	25,177	45.60	43.5
diss	252.012	263,053	12.50	12.10	13,475	13,155	31.80	31.8
Мо	(1)	(1)			17,446	17,305	45.70	47.0
Nebr	1.835	1,595	32.20	32.90	1.542	999	49.70	51.2
N.Y	(1)	(1)	02.20	02.00	14,230	13,530	37.40	37.7
N.C	377,009	384,592	11.30	11.50	9,239	10,350	34.50	36.2
Okla	(1)	(1)	11.00	11.00	1,666	1,150	31.20	32.9
	22,160	23,079	20.00	20.00	7,927	7.244	40.30	43.7
Oreg			14.20	15.10				36.4
	102,540	113,538			19,972	23,381	36.90	
8.C	36,544	41,497	15.40	15.00	9,274	8,861	37.50	39.9
Tenn	20,495	19,358	12.50	12.50	(1)	(1)	*****	
Tex	202,300	220,272	23.50	26.30	27,266	27,258	36.90	36.3
Utah	(1)	(1)		******	(1)	(1)		
Va	108,211	120,269	13,80	14.50	8,194	5,828	41.50	37.7
Wash	14,575	14,329	17.90	21.30	7,166	5,917	35.50	41.1
Other States	2147,800	2 163,513	20.20	21.10	3 63,883	358,650	43.20	44.1
U.S	3,636,672	3,879,303	14.00	14.60	501,913	491,551	39.00	39.1

¹ Included in "Other States." ²Colorado, Hawaii, Idaho, Illinois, Iowa, Kentucky, Louisiana, Massachusetta, Michigan, Missouri, Montana, New Hampahire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Rhode Island, South Dakota, Utah, West Virginia, and Wisconsin are combined to avoid disclosing individual operations. ²Colorado, Hawaii, Idaho, Kentucky, Louisiana, Maryland, Massachusetta, Montana, New Hampahire, New Jersey, North Dakota, Ohio, Rhode Island, South Dakota, Tennessee, Utah, West Virginia, and Wisconsin are combined to avoid disclosing individual operations.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 580. — Poultry: Feed-price ratios, and poultry ration cost, United States, 1964-78

		Ratios 1			Ratios 1		
Year	Egg-feed	Broiler- feed	Turkey- feed	Year	Egg-feed	Broiler- feed	Turkey- feed
1964 1965 1966 1967 1968 1968 1969 1970	Pounds 8.1 8.1 9.1 7.3 8.5 10.0 29.3 7.2	Pounds 3.1 3.3 3.3 2.9 3.2 3.4 2.2.9 2.8	Pounds 4.8 5.1 5.1 4.4 4.7 5.0 5.0 4.6	1972 1973 1974 1975 1976 1976 1977	Pounds 7.2 7.9 7.0 7.0 7.8 7.3 6.9	Pounds 2.9 3.3 2.6 3.2 2.8 2.7 3.1	Pounds 4. 4. 3. 4. 3. 4. 3. 4.

¹ Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.
² Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Table 581.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1976-78

Class	·N	umber inspect	ed	Pounds	inspected (live	weight)	
Class	1976	1977	1978	1976	1977	1978	
Young chickens Mature chickens Total chickens Young turkeys Old turkeys Old turkeys Fryser-roaster turkeys Total turkeys Ducks Other poultry Total outry	180,111 3,432,882 120,614 1,096 12,627 134,337 13,161	Thousands 3,334,126 192,817 3,526,943 117,857 962 9,432 128,251 13,749	Thousands 3,516,411 190,869 3,707,280 123,943 997 6,861 131,801 15,418	Thousands 12,407,837 786,324 13,194,161 2,324,807 21,766 116,046 2,462,619 81,997 7,722 15,746,499	Thousands 12,740,713 827,522 13,568,235 2,285,684 19,600 87,105 2,392,389 85,334 8,729 16,054,687	Thousands 13,656,047 821,763 14,477,810 2,418,733 20,600 64,112 2,503,445 95,400 9,140	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	*******	*******			17,085,798	
	Pounds	certified (read:	v-to-cook)	Pounds condemned			
Class			/ LO COOL)	Ante-	nortem (live v	weight)	
med mat make	1976	1977	1978	1976	1977	1978	
Young chickens Mature chickens Total chickens Young turkeys Old turkeys Fryer-roaster turkeys Total turkeys Dotal Ducks Other poultry Total poultry	491,274 9,478,544 1,841,568 16,739 91,800 1,950,109 57,794 4,799	77bousands 9,227,288 512,031 9,739,319 1,508,442 15,029 69,005 1,992,476 59,458 5,356 11,696,609	77bousands 9,883,206 508,838 10,392,044 1,916,929 15,994 50,553 1,983,476 68,079 5,811 12,447,410	Thousands 40,495 7,426 47,921 5,306 153 236 5,695 50 24 53,690	Thousands 50,488 8,640 59,128 5,651 105 212 5,968 61 38 65,195	Thousands 65,101 9,84 74,944 6,86: 116 199 7,199 56 22 82,224	
		Po	unds condem	ned - Continu	ied	119.7	
Clase		Post-m	ortem (New)	fork dressed	weight)		
	1	976	1	977	15	978	
Young chickens Mature chickens Total chickens Young turkeys Old turkeys Old turkeys Fryer-roaster turkeys Total turkeys Ducks Other poultry Total poultry		usends 196,164 33,160 229,324 47,912 1,115 1,532 50,559 1,725 281,690		usands 210,019 32,577 242,596 46,317 968 996 48,281 1,720 99 292,697	Thousands 229,1 30, 250,0 50,6 52,1 1,4		

Table 582.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1964-78

	Young	chickens	Mature c	chickens Turkeys		Other poultry 3		Total poultry			
Year	Further		Further			processed		Further		Further	
	processed	Cut up	processed	Cut up	Whole 1	Other	Cut up	processed	Cut up	processed	Cut up
1964 1965 1966 1966 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976 1977 1978	219,596 254,016 272,282 337,292 382,804 436,999 485,339 495,659 540,640 643,443	1,000 pounds 847,412 1,000,967 1,108,830 1,289,210 1,390,418 1,628,309 1,842,594 2,056,747 2,316,644 2,443,143 2,468,624 2,483,143 2,482,072 3,113,600 3,521,522 3,717,089	1,000 pounds 256,729 310,068 302,236 346,856 377,878 376,909 392,404 427,977 485,675 481,253 423,278 453,259 417,921 453,259	1,000 pounds 9,581 11,289 7,506 7,450 6,492 9,708 8,608 5,445 5,735 5,413 6,885 9,926 8,202 10,496 10,898	211 252 334 318 382 493 479 562 639	0000 inds ,009 ,935 ,732 ,146 ,754 ,427 ,493 ,112 ,841 ,509,397 ,536,224 ,607,724 ,665,452 ,710,438	1,000 pounds 60,249 97,248 121,337 114,540 135,077 159,563 198,299 299,777 262,702 295,444 312,764 387,067 426,126	1,000 pounds 40,131 43,068 59,434 78,681 72,208 82,958 83,274 85,213 96,637 115,121 89,722 87,500 117,270 129,547	1,000 pounds 741 739 880 1,161 1,717 4,102 2,230 3,502 2,575 1,446 706 483 684 2,115 2,339	1,000 pounds 631,986 744,716 874,723 963,279 1,086,856 1,222,997 1,458,487 1,872,554 1,906,009 1,892,234 2,250,511 2,388,083 2,622,216	1,000 pounds 917,98 1,110,23 1,238,56 1,412,38 1,533,70 1,801,68 2,044,14 2,263,99 2,624,73 2,712,70 2,768,65 2,905,26 3,960,25 4,196,39

ACGELMMMNNOOPSTUVWO

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 583.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1977 and 1978

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry 1	
	1977	1978	1977	1978	1977	1978	1977	1978
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
anuary	Cases 27	Cases	26,903	27,043	pounds 190,259	pounds 168,266	334.615	pounds 304.5
ebruary		33 27	24,930	25,503	167,830	136,577	302.844	262.7
larch	41 39 42 33 39 39	25	24.642	22,903	142,335	113,004	279,445	233,3
pril	42	25 36 29 26 26	25,275	22,910	130,334	101.064	267,265	209.6
ay	33	29	27,997	22,205	138,198	103.851	281,095	213.2
une	39	26	31,353	26,643	201,380	152,830	353,218	256,9
aly	39	26	35,102	27,986	253,613	213,626	409,193	325,8
ugust	47	48	35,366	28,687	329,928	301,160	484,638	415,8
eptember	50	48 43 23	33,744	28,679	409,264	373,251	565,976	488,9
ctober	52	23	33,432	27,640	444,495	425,433	596,597	538,3
ovember	47 50 52 50 39	35 38	31,184 29,664	25,606 25,296	269,398 167,943	236,204 175,097	417,801 310,038	346,4 280,1

¹ Includes stocks of turkeys and other poultry.

¹Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.
²Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

Table 584.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1964-77

	1000		Chicker	n testa		Turkey tests				
Year beginning July		States reporting	Chickens in tested flocks (first test)	Reac	tors	States reporting	Turkeys in tested flocks (first test)	Reactors		
		Number	Thousands	Number	Percent	Number	Number	Number	Percent	
1964	*******	47	33,175	1,461	0.0044	47	3,798,357	84	0.0022	
1965		47	34,261	410	.0012	47	4,121,626	0	.0000	
1966		47	38,327	381	.0010	47	4,397,268	2	.00000	
1967 1968		47	33,591	741	.0020	47	3,482,049	19	.00000	
1969		47	33,613	100	.0005	47	3,127,850	0	.0000	
1970		45	35,890 38,049	162 107	.0009	47	3,145,147	6	.0003	
1971	*******		32,233	55	.0007	45 46	3,382,259	0	.0000	
1971	*******	46	28,925	87	.0005	46	3,086,063	0	.0000	
1973		47	26,744	88	.0012	47	3,191,301	0	.0000	
1974		47			.0012	47	3,256,168	0	.0000	
1975		47	25,133	165	.0029		2,888,688	0	.0000	
		47	26,699	38 90	.0008	47	2,891,148	0	.0000	
1976		47	28,846 30,313	90	.0019	47	2,693,782 2,496,872	0	.0000	

Science and Education Administration.

Table 585.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1976-78

State		Number		Va	lue per he	ed	1	lotal value	
State	1976	1977	1978	1976	1977	1978	1976	1977	1978
	1.000	1,000	1.000				1.000	1.000	1.000
	head	head	head	Dollars	Dollars	Dollars	dollars	dollars	dollars
Ark	44	57		14.00	14.00		616	798	
Calif	560	500	550	11.60	8.90	10.60	6,496	4,450	5,830
Ga	39	46	47	8.80	9.10	10.70	343	419	800
m	40	50	59	15.50	14.00	18.00	620	700	1,063
lowa	135	85	98	12.90	11.00	11.90	1,742	935	1.16
Mich	55	52	40	9.00	10.80	16.00	495	562	64
Minn	480	480	593	7.60	10.70	13.50	3,648	5,136	8,000
Mo	220	220	230	14.00	12.00	12.00	3,080	2,640	2,76
Nebr	9	8	16	8.50	8.50	10.50	77	68	16
N.C	365	420	495	10.60	13.60	11.90	3,869	5,712	5,89
Ohio	109	104	120	10.50	13.50	14.00	1,145	1,404	1,68
Oreg	60	45	63	7.70	9.40	14.10	462	423	88
Pa	24	17	48	10.10	12.50	15.50	242	213	74
S.C	39	39	15	11.20	12.00	11.00	437	468	16
Tex	440	460	475	12.00	11.00	13.00	5,280	5.060	6,178
Utah	37			14.00			518		
Va	162	149	168	12.30	13.60	13.10	1.993	2.026	2,20
W. Va	14	28	16	8.10	10.00	13.50	113	280	210
Wie	73	70	75	9.80	6.80	7.50	715	476	563
Other States 1	164	208	275	13.60	12.60	13.60	2,228	2,620	3,74
Total ²	3,069	3,038	3,383	11.12	11.32	12.53	34,119	34,390	42.400

¹ Arkansas, Colorado, Indiana, Kansas, New York, North Dakota, Oklahoma, South Dakota, Utah, and Washington combined to avoid disclosing individual operations.
² Major producing States.

Table 586.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969-781

Yea	ır	Number	Value per head	Total value	Year	Number	Value per head	Total value	Year	Number	Value per head	Total value
1970		1,000 head 3,331 3,173 2,999 3,135	Dollars 5.97 5.82 6.18 6.46	1,000 dollars 19,882 18,459 18,525 20,242	1973 1974 1975 1978	1,000 head 3,148 2,970 3,014 3,069	Dollars 9.47 9.81 10.81 11.12	1,000 dollars 32,378 29,126 32,580 34,119		1,000 head 3,038 3,383	Dollars 11.32 12.53	1,000 dollars 34,390 42,403

¹ Major producing States. ² Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 587.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1964-78

			Commercial	Exports			Consumption	
	Year	Production	storage at beginning	and shipments to	ents storage at end		Civi	ilian
		4	of year	Territories	of year	Military	Total	Per capita
		Million	Million pounds	Million	Million	Million	Million	Pounds
1964		1.453	217	43	207	36	1,384	7.
1965		1,515	207	88 47	200	40 56 53	1,424	7. 7. 8.
1966		1,674	200 267	47	267	56	1,504	7.
1967		1,870	267	49	367	53	1,668	8.
1968		1,611	367	41 40	317	63	1,557	7.
1969		1,606	317	40	192	48	1,643	8.
1970		1,729	192	43	219	49	1,610	8.
1971		1,772	219	27	223	41	1,700	7: 8. 8. 8.
1972		1,909 1,933	223	43 27 42 54	208	42	1,840	8.
1973		1,933	219 223 208 281 275	54	281	31	1,775	8.
1974		1,921	281	43	275	14	1,870	8.
1975		1,803	275	53	195	19 18	1,811 1,961	8.
1976		2,059	195	71	203	18	1,961	8. 8. 9.
1977		2,023	203	43 53 71 56 57	168	11 15	1,991	9.
1978		2,111	168	57	175	15	2,032	

Preliminary.

Economics, Statistics, and Cooperatives Service — Economics.

Table 588.—Turkeys: Production, disposition, and gross income, United States, 1964-78

		Nun	nber		Pounds (li	ive weight)	Price per	Value of	
Year	Raised 1	Lost ²	Pro- duced 3	Sold	Produced	Sold	pound live weight	turkeys produced	Gross
1964 1965 1966 1966 1967 1968 1970 1970 1971 1972 1973 1974 1975 1976 1977	Thou- sands 101,105 105,914 116,538 126,577 106,709 106,736 116,139 119,657 128,664 132,231 131,909 124,165 139,961 136,359 139,800	Thow-sands 213 211 253 263 197 207 (4)	Thou-sands 100,892 105,703 116,285 126,314 106,512 106,529 (4)	Thou-sands 100,788 104,896 115,379 126,846 107,254 106,351 (4)	1,000 pounds 1,826,035 1,915,331 2,123,484 2,343,339 2,014,589 2,029,316 2,197,916 2,423,618 2,437,121 2,276,504 2,605,321 2,562,265 2,669,365	1,000 pounds 1,823,562 1,900,703 2,106,970 2,353,937 2,027,934 2,026,709 (*)	Cents 21.0 22.2 23.1 19.5 20.5 22.4 22.6 22.1 22.2 38.2 28.0 34.8 31.7 35.5 43.6	1,000 dollars 383,909 424,449 489,596 457,710 413,921 454,633 (4)	1,000 dollars 383,401 421,294 485,58 416,73 454,111 499,574 536,94 546,9

See footnotes on page 409.

Table 589.—Turkeys: Production and gross income, by States, 1978

State	Number raised 1	Pounds produced	Price per pound ²	Gross income ³
	1.000 head	1,000 pounds	Cents	1,000 dollars
Ark	12,500	235,000	45.0	105,750
Calif	16,780	335,600	43.6	146,322
Colo	3,580	91.648	46.0	42,158
Conn	41	804	70.0	563
Ga	1,799	41,197	39.6	16.314
M	434	8,723	46.0	4.012
Ind	4,655	86,583	37.2	32,206
lowa	6,259	134,569	43.8	58,941
Kans	129	2,838	44.0	1.246
Maine	6	118	62.0	73
Md	91	1,793	45.7	819
Mass	146	2,993	68.0	2,035
Mich	1,210	30,250	48.0	14,520
Minn	22,238	382,494	42.4	162,177
Mo	10,500	202,650	43.5	88,153
Nebr	490	9,849	47.2	4,649
N.H	23	485	0.00	335
N.J	58	1,270	60.0	76
N.Y	155	3,224	43.0	1,38
N.C	18,854	324,289	43.0	139,44
N. Dak	871	13,588	45.0	6,11
Ohio	2,565	64,638	45.4	29,34
Okla	1,450	22,620	45.0	10,17
Oreg	1,275	24,735	46.7	11,55
Pa	3,450	62,100	47.4	29,43
R.I	10	210	68.0	14
S.C	2,527	59,132	40.7	24,06
S. Dak	979	19,972	41.4	8,26
Tenn	3	57	42.0	2
Pex	7,300	146,000	43.9	64,09
Utah	2,794	63,983	49.0	31,35
Vt	13	260	66.0	17
Va	8,546	143,573	41.6	89,72
W. Va	2,105	34,101	40.0	13,64
Wis	5,706	112,979	45.0	50,84
Other States 4	258	5,040	49.0	2,46
u.s	139,800	2,669,365	43.6	1,163,29

¹ Based on turkeys hatched from Sept. 1 to Aug. 1. Excludes turkeys lost.

² Live-weight equivalent price.

³ Includes home consumption which is less than 1 percent of total production.

⁴ Alabama, Arisona, Delaware, Florida, Kentucky, Montana, New Mexico, Washington, and Wyoming combined to avold disclosing individual operations.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹Total poults hatched less death loss of poults and young turkeys during the year.

Death loss during the year of breeder hens on hand Jan. 1.

Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.

Not available after 1969.

Preliminary

Table 590.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1964-78

						Y	ea	ır								vì.	av tit ed	ě					b	ol ea	77				Total all heavy breeds		Light breeds ³	Total all breeds
1964 1965 1966														7	b		41 53 66	1,8	01	9		77	ho	4	3,	29 58 47	6		Thousands 95,135 103,290 112,525		Thousands 13,032 13,588 18,424	Thousand 108,1 116,1 130,5
1967											* 1						-											ı	122,210		16,354	138,
1968 1969															•													L	100,249		13,866	114,1
1970																												ı	116.021	1	13 799	129.
1971																												ı	115,379		13.224	128
1972																												ı	125.512		16.067	141.
1973																												ı	128,906		16,679	145.
1974													 - 1															н	125,559		14.420	140.0
1975													 _															L	121,158	1	15.918	137.0
1976																					Ι.	7	-			_		1	130,980		18.494	149.
977																												1	136,029		12.354	148
1978	1	,											- 1								п.	-						1	149 938		8,699	157.

¹ Estimates discontinued as of January 1967.

² Birds for which the normal mature marketing live weight is 12 pounds or over.

³ Birds for which the normal mature marketing live weight is less than 12 pounds.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 591.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1977 and 19781

U.S

durin

State	Heavy I	breeds ²	Light b	reeds ³	Total al	l breeds
State	1977	1978	1977	1978	1977	1978
Calif	Thousands 19,413	Thousands 20,151	Thousands 590	Thousands	Thousands 20,003	Thousands 20,190
Colo	876	1,105			4,754 1,210 876	4,686 1,290 1,106 5,329
Iowa	6,417 23,161	5,329 26,256	6,925	4,997	6,417 30,086 12,426	5,329 31,253 13,168
N.C Ohio Okla	15,965 963	19,897	1,420	1,864	17,385 7,483 963	21,761 9,317 371
Pa Texas Va	2,234 5,438	1,859 9,401 6,385	364	17	2,598 8,992	1,876 9,401
Wis Other States 4	22,343	24,340	2,164 478	1,571	7,602 4,767 22,821	7,956 5,310 24,508
U.S	136,029	148,838	12,354	8,689	148,383	157,527

¹ Heavy and light breeds not published in some States in order to avoid disclosing individual operations.
2 Birds for which the normal mature marketing live weight is 12 pounds or over.
3 Birds for which the normal mature marketing live weight is less than 12 pounds.
4 Alabama, Arkansas, Florida, Indiana, Kansas, Maryland, Massachusetts, Michigan, Nebraska, New Hampshire, New Jersey, New York, Oregon, Rhode Island, South Carolina, Utah, and Washington combined to avoid disclosing individual operations.

Table 592.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1977 and 1978¹

		1977			1978	
State-	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced
	Thousands	Number	Millions	Thousands	Number	Millions
la	13,434	237	3,183	13,794	241	3,329
laska	29 642	214	140	21	210	4.
rk	16,130	218 236	3,812	527 16.696	224 239	3,996
lif	36,469	229	8,345	35,767	235	8,412
olo	2,200	231	508	2,339	229	535
onn	3,665	235	863	3,785	237	897
1	585	219	128	590	219	129
•	12,633	237	2,998	12,305	240	2,954
	23,195	236	5,468	23,813	238	5,662
awaii	991 837	220 229	218 192	1,007	216	218
	5,873	237	1.389	911 5,772	226	1,380
d	13,363	234	3.128	14,417	239	3,447
wa	8,429	238	2.004	8,152	235	1.914
Ans	2,334	235	548	2,150	238	511
y	2,498	227	566	2,449	226	583
	2,636	227	598	2,609	224	584
aine	7,266 1,375	254 224	1,849	7,597	252	1,916
ass	1,487	239	308 355	1,359	230 241	313 341
ich	6,471	236	1.530	6,395	234	1.497
inn	8,875	239	2,120	9.021	243	2,189
ine	7,345	242	1,775	7,084	239	1,696
0	4,941	243	1,199	5,338	247	1,320
ont	770	232 218	179	797	242	193
ebrev	3,386	155	739	3,472	225 192	780
Н	842	249	210	879	253	222
J	2,088	214	446	1,716	219	375
Mex	1,274	226	288	1,484	242	359
Y	7,475	241	1,805	7,488	246	1,845
Duk	11,874	240	2,846	12,738	242	3,081
Dukhio	8.404 8.404	218 231	1.941	9,100	232 235	95 2.140
kla	2,160	225	487	2,612	234	612
reg	2,238	235	525	2,344	237	555
	12,212	242	2,960	13,418	250	3,357
1	207	245	50.7	221	231	51.
C	5,064	246	1,248	5,681	248	1,409
Dakenn	2,611 4,178	222	579 993	2,551 4,016	220 243	562 974
ex	10,688	238	2.436	11,263	243	2,630
tah	1.468	228	335	1,680	238	399
	488	248	121	490	245	120
a	3,499	234	819	3,748	236	885
ash	4,502	236	1,063	4,751	236	1,121
. Va	829	665	192	665	230	153
VisVyo	4,346	226 217	981 23.7	4,117	236	973
/yo	109	217	23.7	88	199	17.
J.S	274,871	235	64,600	281,068	238	67,034

¹Estimates for a Dec. 1 through Nov. 30 marketing year.

²Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.

Table 593.—Eggs: Production in specified countries, 1976-78

North America: Canada Mexico United States Total	Millions 5,245 7,665 64,849	Millions 5,504	Millions		0.4755		
Total	O-STORES.	8,240 64,886	5,475 8,400 67,155	Europe — Continued Czechoelovakia Hungary Poland Romania	Millions 4,492 3,995 8,020 5,845	Millions 4,639 4,528 8,412 6,000	Millions 4,650 5,000 8,400 6,200
Autom	77,759	78,630	81,030	Yugoslavia	3,825	4,041	4,200
South America: Argentina	3,659	3.072	3,150	Total Eastern Europe .	26,177	27,620	28,450
Brazil	6,120	6,252	6,600 875	Total Europe	46,569	48,221	48,416
Venezuela	1,822	1,910	2,043	Soviet Union	55,600	61,000	65,000
Total	12,831	12,464	12,668	Asia and Oceania:			
Europe: Belgium and Luxembourg Denmark France	3,523 1,218 12,890	3,848 1,173 12,670	3,770 1,190 13,050	Hong Kong Japan Turkey Australia ²	30,990 3,093 3,228	31,307 3,966 3,306	32,600 4,100 3,430
Germany, Fed. Rep. of Ireland	14,350	14,820	14,700	Total	37,364	38,644	40,198
Italy	11,518 5,615 13,950	11,309 5,994 14,100	11,400 6,600 14,250	Grand total	230,123	238,959	247,311
Total EC	63,755	64,573	65,610				
Austria Finland Greece Norway Portugal Spain Sweden Switzerland Total Western Europe	1,577 1,503 2,235 625 1,191 10,831 1,700 730 20,392	1,567 1,495 2,240 632 947 11,283 1,717 720 20,601	1,600 1,320 2,220 666 1,150 10,500 1,785 725				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

U.5

Bostim 2V 3C

Table 594.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1964-78

	Hens and pullets.	Rate of		Eggs				Value	
Year	average number during year	lay per layer during year ¹	Total pro- duced	Consumed in farm household	Sold	Price per dozen	Cash receipts (sales)	of eggs consumed on farms	Gross income ²
1964 1965 1966 1966 1968 1969 1970 1971 1971 1972 1973 1974 1976 1977	Thou- sands 301,136 301,053 303,832 313,717 309,824 306,886 312,759 312,886 304,504 290,588 294,732 274,134 274,871 271,134 274,871 281,068	Number 217 218 218 221 220 220 227 227 230 235 235 238	Millions 65,215 65,560 66,205 69,327 68,156 67,546 68,212 69,649 66,039 65,620 64,626 64,511 64,600 67,034	Millions 2,439 2,056 1,612 1,558 1,393 1,172 953 789 692 627 580 536 502 475 457	Millions 62,776 63,504 64,593 67,789 66,763 66,374 67,259 68,527 68,527 65,412 65,040 64,090 64,090 64,099 64,125 66,577	Cents 33.8 33.7 39.1 31.3 34.0 40.0 39.1 31.4 30.9 52.5 53.2 52.4 58.3 55.6 52.2	1,000 dollars 1,769,648 1,784,898 2,105,841 1,764,933 1,892,800 2,212,189 2,190,339 1,800,746 1,763,899 2,859,253 2,884,478 2,796,785 3,109,916 2,973,332 2,898,740	1,000 dollars 66,736 55,752 50,686 38,678 38,016 38,178 30,038 16,982 26,517 25,044 22,490 21,556 21,342 19,262	1,000 dollars 1,836,38 1,840,65 2,156,52 1,803,81 1,930,81 2,250,36 2,220,68 1,780,88 2,885,77 2,909,52 2,819,27 3,133,47 2,994,67

See footnotes on page 414.

¹ Preliminary. ² Year ending June 30.

Table 595.—Eggs: Production, disposition, cash receipts and gross income, by States, 1978 (preliminary)¹

State	Produced	Consumed in farm household	Sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms ²	Gross income ³
					1,000	1,000	1,000
Ma	Millions 3.329	Millions 14	Millions 3.315	Cents 62.8	dollars 173,485	dollars 733	dollars 174,218
laska	4.4	(4)	4.4	125.0	458	100	458
\riz	118	.5	117.5	42.0	4.113	18	4,131
rk	3,998	12	3,986	52.0	172,727	520	173,247
alif	8,412	5	8,407	46.0	322,268	192	322,460
olo	535 897	6	529 896	50.0 68.7	22,042 51,296	250 57	22,292 51,353
el	129	.6	128.4	67.9	7,265	34	7,296
la	2,954	4	2,950	42.7	104,971	142	106,113
a	5,662	7	5,655	60.7	286,049	354	286,400
awaii	218	(4)	218	69.9	12,699		12,696
aho	206	4	202	46.0	7,743	153	7,89
d	1,380	12	1,368 3,434	53.0 52.1	60,420 149,093	530 564	60,950
wa	1,914	23	1,891	38.8	61,142	744	149,657
ans	511	13	498	41.8	17,347	453	17,800
y	553	22	531	47.7	21,107	875	21.98
	584	9	575	62.8	30,092	471	30,560
laine	1,916	1	1,915	62.3	99,420	52	99,472
d	313	4	309	67.9	17,484	226	17,710
lich	1,497	15	1.482	46.5	18,757 57,428	55 581	18,813 58,000
linn	2,189	20	2,169	41.5	75.011	692	75,70
lins	1.696	8	1,688	61.1	85,947	407	86,35
0	1,320	19	1,301	46.1	49,980	730	50,710
ont	193	8	185	54.3	8,371	362	8,73
ebr	780	16	764	38.1	24,257	508	24,76
ev	2.3	1	221	44.5 65.5	12.063	26 55	12.11
J	375	i	374	56.8	17,703	47	17.75
. Mex	359	î	358	57.0	17,005	48	17.05
Y	1,845	11	1,834	46.5	71,068	426	71,49
C	3,081	19	3,062	61.8	157,693	979	158,673
. Dak	95	10	85	34.0	2,408	283	2,69
hio	2,140 612	18 14	2,122 598	44.9 59.0	79,398 29,402	674 688	80,07: 30,09
reg	555	10	545	50.8	23,072	423	23,49
a	3,357	18	3,339	49.3	137,177	740	137.91
I	51	(4)	51	65.6	2,788		2.78
C	1,409	7	1,402	53.2	62,155	310	62,46
Dak	562	15	547	35.6	16,228	445	16,67
enn	2,630	14 38	960	53.4	42,720	623	43,34
Itah	399	2	2,592	60.8 44.0	131,328 14,557	1,925	133,25 14,63
t	120	2	118	75.9	7,464	127	7,59
a	885	12	873	64.3	46,778	643	47,42
Vash	1,121	5	1,116	46.8	43,524	195	43,71
V. Va	153	6	147	61.5	7,534	308	7,84
Vis	973 17.5	12 2	961	43.7	34,996	437	35,43
Vyo	17.5	2	15.5	50.2	648	84	73
U.S	67,034	457	66,577	52.2	2,898,740	19,262	2,918,000

¹Data cover both farm and commercial operations. Annual production, disposition, cash receipts, and gross income estimates for eggs are computed on a Dec. 1 through Nov. 30 marketing year.

²Valued at same price as eggs sold.

³Cash receipts plus value of home consumption may not add to gross income due to rounding.

⁴Less than one-half million eggs.

Table 596. - Eggs: Supply, distribution, and per capita consumption, United States, 1964-781

		Storage		Exporta			Consur	nption	
Year	Total egg produc-	at begin- ning of the	Imports ²	and ship- ments to	Eggs used for hatch-	Storage at end		Civ	ilian
	tion	year ²		Terri- tories ²	ing	of the year ²	Military ²	Total	Per capita
1964	Million dozen 5,435	Million dozen 44	Million dozen 2	Million dozen 31	Million dozen 320	Million dozen 46	Million dozen 76	Million dozen 5,008	Number 31
1965 1966	5,463 5,517 5,777	46 41 28 71	(3) 14 4	39 43 55	336 365 358	41 28 71 56	93 102 110	5,000 5,034 5,215	313 313 32
968 969 970	5,680 5,629 5,704	71 56 34	5 9 27	46 41 45	361 389 402	34	108 83 78	5,185 5,147 5,201	31 31 30
971 972 973	5,806 5,742 5,502	56 34 39 58 53	10 1 13	44 56 49	389 391 392	58 53 34	60 64 42	5,304 5,237 5,051	31 30 29
974 975 976	5,461 5,382 5,377	34 42 28 21	13 5 3	49 57 62 65	366 372 409	42 28 21	38 43 45	5,005 4,924 4,868	30 29 28 28 27
977 9784	5,407 5,596	21 24	14	91 120	429 463	24 20	36 28	4,862 5,000	27

s

L

¹Calendar years.

²Shell eggs and the approximate shell-egg equivalent of egg product.

³Less than 500,000 dozes.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 597.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970-78

Year	Large	Year	Large	Year	Large
1970	39.95	1973	64.49	1976	Cents 70.33 63.27 61.68

Agricultural Marketing Service.

POOTNOTES POR TABLE 594

Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during

¹ Number of eggs produce to the year.

² Value of sales plus value of eggs consumed in households of producers.

³ Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

⁴ Preliminary.

Table 598.—Eggs: Products under Federal inspection, United States, fiscal years 1977 and 1978

Îtem	Quar	itity	Item	Quar	ntity
nem .	1977	1978	Item	1977	1978
Shell eggs broken	1,000 dozen 674,793	1,000 dosen 688,717	Prozen product produced: 3 Whole plain Whole blends	1,000 pounds 159,814 61,596	1,000 pounds 148,293 61,640
Edible liquid from shell eggs broken: Whole White	1,000 pounds 424,933 241,173	1,000 pounds 415,123 257,861	White	43,475 12,829 70,362	57,277 16,061 68,480
Yolk	168,972	176,712	Total	348,076	351,751
Total	835,078	849,696	Dried product produced: 3 Whole plain	10.371	11.090
Inedible liquid from shell eggs broken	45,344	51,330	Whole blends	24,521 19,217	22,892 19,181
Liquid egg used in processing: Whole White Yolk	487,904 344,964 190,314	450,240 354,490 192,906		13,894 6,746 74,749	14,639 6,688 74,490
Total	1,023,182	997,636			
Ingredients added in processing 2	36,077	34,950			
Liquid product produced for immediate consumption and processing: ³ Whole plain Whole blends White Yolk plain	131,994 51,572 148,969 25,533	142,441 57,134 140,368 19,246			
Yolk blends	36,150	41,792	4		
Total	394,218	400,981			

Includes frozen eggs used for processing. Excludes ingredients added.
 Includes all non-egg ingredients added.
 Includes ingredients added.

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Economic trends table 599

Farm production and distribution, table 627.
Farm production and employment, table 618.
Farm production and distribution, table 627.
Price and income, table 643
Costs and expenses, table 660.

Table 599. - Economic trends: Data relating to agriculture, United States, 1964-78

	Prices paid	by farmers	1		Farm i	ncome	
Year	Total		Prices received	3.33		Net in	come
	including interest, taxes, and wage rates	Com- modities only	farmers	farm income 1	Produc- tion expenses	Current dollars	1967 dollars
	Index numbers 1967 = 100	Index numbers 1967 = 100	Index numbers 1967 = 100	Billion	Billion dollare	Billion dollars	Biltion
964	92 94 99	93 96 99	93 98 106	42.3 46.5 50.5	31.8 33.6 36.5	10.5 12.9 14.0	11. 13. 14.
967	100	100	100	50.5	38.2	12.3	12
68	103	102	102	51.8	39.5	12.3	11
770	108 112	106 110	107	56.4 58.6	421	14.3	13 12
771	118	115	113	62.0	47.4	14.6	12
772	125	122	125	71.0	52.3	18.7	14
973	144	142	179	98.9 98.3	52.3 65.6 72.2	33.3	25
974	164	161	192	98.3	72.2	26.1	17
975	180	177	185	100.3	75.9	24.5	15
	192 202	187 196	186 183	101.8 108.5	83.1 88.8	18.7	11
978	219	212	210	126.0	98.1	27.9	14

See footnotes at end of table.

Table 599.—Economic trends: Data relating to agriculture, United States 1964-78—Continued

Year	Farm real estate value ³	Farm real estate debt	Volume of agri- cultural exports	Volume of agri- cultural imports	National income ³	Dispos- able personal income ³	Indus- trial produc- tion 4	Con- sumer prices all items	Poducer prices all com- modities
864	Index sumbers 1987 = 100 82 86 93 100 107 113 117 122 132 150 187 213 242 283 308	Million dollars 16.804 18.984 21,187 25,142 27,397 29,183 30,346 32,206 41,253 46,580 56,560 63,642	Index numbers 1967 = 100 104 101 107 100 100 94 111 1129 166 155 156 174 177	Index numbers 1967 = 100 93 95 101 100 112 112 105 110 113 118 121 121 123 139 138	Billion dollars 519.2 566.0 622.2 658.8 714.4 787.9 798.4 1.136.0 1.215.0 1.359.8 1.525.8 1.724.3	Billion dollars 437.0 472.2 510.4 544.5 588.1 630.4 685.9 901.7 984.6 1,064.5 1,305.1 1,458.4	Index numbers 1967 = 100 81.7 89.8 97.8 100.0 106.3 111.1 107.8 109.6 119.7 129.8 129.3 117.8 130.5 138.2 146.1	Index numbers 1867 = 100 92.9 94.5 97.2 100.0 104.2 109.8 116.3 121.3 125.3 133.1 147.7 161.2 170.5 181.5	Index number 1967 = 100 94 96 99 100 102 106 110 114 119 134 160 174 183 194

Includes cash receipts from marketings, government payments, nonmoney income (gross rental value of homeonsumption), other income (machine hirs and custom work) and value of charge in the contract of the co

Farmland and buildings per acre as of Mar. 1 through 1975; as of Feb. 1 beginning 10

*U.S. Department of Comm

Federal Reserve Board.

Economics, Statistics, and Cooperatives Services — Crop Reporting Board and Economics.

Table 600. - Farms: Number, total land, and average size of farm, U.S., 1975-791

Year	Parms	Total land in farms	Average size of farm
1975 1976 1977 1977 1978	Number 2,491 2,454 2,409 2,370 2,330	1,000 acres 1,062,723 1,069,148 1,064,798 1,082,018 1,048,768	Acres 427 432 438 444 450

¹ A farm is defined as a place having sales of agricultural products of \$1,000 or more. Estimates are not comparable to those published in previous Agricultural Statistics when a farm was defined as a place of 10 or more acres having annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or

² Preliminary

Table 601. - Farms: Number and area, by States, 1978 and 19791

	Farn	18	Land in farms		
State	1978	1979 2	1978	19792	
	Number	Number	1.000 acres	1,000 acres	
Ala	57.000	56,000	13,200	13,200	
Alaska 3	290	300	1,670	1,680	
Ariz	5,800	5,800	40,600	40,500	
Ark	59,000	58,000	16,900	16,800	
Calif	62,000 26,900	80,000 26,500	32,800 38,300	32,300 38,000	
Conn	3,700	3,600	460	450	
Del	3,100	3,000	630	620	
Fla	35,000	35,000	13,900	13,800	
Ga	55,000	54,000	15,500	15,700	
Hawaii	3,700	3,700	2,290	2,290	
Idaho	23,400	23,300	15,400	15,400	
M	109,000	107,000	28,700	28,700	
Ind	90,000 123,000	89,000 121,000	16,900 34,000	16,900 34,000	
Kans	73,000	72,000	48,300	48,200	
Ky	99,000	96,000	14,500	14,400	
Ia	35,500	35,000	10,400	10.300	
Maine	7,400	7,600	1,640	1,640	
Md	16,100	16,000	2,815	2,808	
Mass	4,800	4,800	650	680	
Mich	65,000	63,000	10,800	10,600	
Minn	104,000	104,000 53,000	30,300 14,800	30,300	
Mo	120,000	118,000	32,300	32,300	
Mont	22,000	21,700	62,100	62.00	
Nebr	65,000	63,000	47,900	47,800	
Nev	2,000	2,000	8,990	8,99	
N.H	3,000	3,000	580	58	
NJ	7,600	7,600	990	990	
N. Mex	11,400	11,200	46,800	46,70	
N.Y	46,000 100,000	45,000 99,000	10,200 12,400	10,000	
N.C.	41,000	41,000	41.690	41.69	
Ohio	98,000	97,000	16,400	16.30	
Okla	73,000	73,000	35,000	35.00	
Oreg	30,000	30,000	18,700	18,65	
Pa	61,000	59,000	9,000	8,90	
R.I	660	670	63	6	
8.C	36,000	35,000	6,600	6,50	
S. Dak	42,000	41,500	45,450	45,456	
Tenn Tex	96,000 163,000	94,000 159,000	13,800 139,000	13,70 138,70	
Utah	12,300	12,200	12.850	12.80	
Vt	6,000	5.900	1.750	1,74	
Va	60,000	59,000	9,800	9,700	
Wash	33,500	33,000	16,100	16,100	
W. Va	19,600	19,500	4,200	4,18	
Wis	96,000	95,000	18,800	18,700	
Wyo	7,300	7,200	35,100	35,100	
U.S	2,370,050	2,330,070	1,052,018	1,048,760	

CHC

POOTNOTES FOR TABLE 604

¹ A farm is defined as a place having sales of agricultural products of \$1,000 or more. Estimates are not comparable to those published in previous Agricultural Statistics when a farm was defined as a place of 10 or more acres having annual sales of agricultural products of \$50 or more and places of iess than 10 acres that had annual sales of \$250 or

more.

2 Preliminary.

3 Exclusive of grazing land leased from U.S. Government, Alaska farmland totals about 70,000 acres.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹ Cropland harvested, crop failure, and cultivated summer failow.
2 Grassland and other nonforest pasture and range.
3 Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.
4 Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.
5 Remeasurement and increases in reservoirs account for changes in total land area except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 602.—Farms: Classification by tenure of operator, United States, 1880-1974

Year	Farms	Tenure of operator						
		Full owners	Part owners	Managers	All tenants	Croppers (South only)		
	Number	Percent	Percent	Percent	Percent	Percent		
1880	4,008,907		********	********	25.6	*******		
1890	4,564,641	*******	********	*********	28.4			
1900	5,737,372	55.8	7.9	1.0	35.3	********		
1910	6,361,502	52.7	9.3	.9	37.0			
1920	6,448,343	52.2	8.7	1.1	38.1	17.		
925	6,371,640	52.0	8.7	.6	38.6	19		
935	6,295,103 6,812,350	46.3 47.1	10.4	.9	42.4	24		
9401	6,102,417	50.6	10.1	.6	42.1 38.8	20		
945	5,859,169	56.3	11.3	.0	31.7	16		
9501	5,388,437	57.4	15.3	1	26.9	15 13		
954	4,782,416	57.4	18.2	3	24.0	11		
9591	3,710,503	57.1	22.5	6	19.8	1 4		
9641	3,157,857	57.6	24.8	6	17.1			
9691	2,730,250	62.5	24.6		12.9			
9741	2,314,013	61.5	27.2		11.3			

¹Includes Alaska and Hawaii.

Table 603. - Land in farms: Classification by tenure of operator, United States, 1880-1974

Year 1880 1890 1990 1910 1910 1925 1925 1935 1945 1940 19845 1980 19844 1969 19744	Acres 536,081,835 623,218,619 538,591,744 878,798,325 924,319,332 45,4 990,111,984 1,054,515,111 1,065,113,774 1,41,615,364 1,161,419,720 1,141,615,364 1,161,419,720 1,141,615,364 1,161,419,720 1,141,615,364 1,161,419,720 1,141,615,364 1,161,419,720 1,161,419,720 1,161,419,720 1,161,419,720 1,161,367,670 1,287,367,574 30.8 1,101,700,303,464,689 35,3 1,017,030,357	Tenure of operator						
		Full owners	Part owners	Managers	All tenants	Croppers (South only)		
		Percent 14.9 15.2 18.4 21.3 24.9 25.2 28.2 28.2 32.5 36.4 40.7 44.8 48.0 51.8	Percent 10.4 6.1 5.7 4.7 6.4 5.8 6.5 9.3 9.2 8.6 9.8 10.2	Percent 23.3 25.8 27.7 29.7 31.0 31.9 29.4 22.0 18.3 16.4 14.5 13.1 12.9 12.0	Percent 6 7 7 6 5 3 2 1			

¹ Includes Alaska and Hawaii.

Table 604. - Land utilization, United States, selected years, 1910-74

Major land uses	1910	1920	1930	1940	1950	1959	1969	1974
Cropland used for crops 1. Idle cropland Cropland used only for	Million acres 330 23	Million acres 368 34	Million acres 382 31	Million acres 368 31	Million acres 377 32	Million acres 359 33	Million acres 333 51	Million acres 361 21
pasture	84 693 600	78 652 602	67 652 601 171	68 650 608	69 631 601 194	66 633 728 147 305	88 604 723 174 291	80 598 718 182 301
Total land area 5	1,904	1,904	1,904	1,904	1,904	2,271	2,264	2,264

See footnotes on page 418.

Economics, Statistics, and Cooperatives Service — Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Economics, Statistics, and Cooperatives Service — Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 605. - Land utilization, by States, 1974

State		Cropland						
	Used for crope i	Idle	Used only for pasture	Grassland pasture ²	Forest land ³	Special use areas	Other	Total land area
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	acres	acres	acres	acres	acres	acres	acres	acres
Ala	3,243	419	2,135	2,917	21,333	1,768	637	32,451
Alaska	17	6	2	1,625	118,076	32,902 8,709	209,888	362,516
Ariz	1,310 7,296	218 521	117 2,469	40,941 2,559	17,420 18,236	8,709	3,872	72,587
Calif	9,276	463	1.404	23,910	39,826	1,566	598 8,900	33,24 100,07
Colo	9,159	508	1,292	29,274	19,387	3,238	3,552	66,410
onn	163	15	56	46	1,846	661	325	3,113
Del	513	12	21	8	390	186	138	1.26
D.C					000	39	100	35
la	2,732	380	1.086	6.026	17.652	5,647	1.095	34.618
Ja	4.764	556	1.828	1,731	24,869	2,766	653	37.167
Hawaii	151	169	37	1.018	1.626	842	269	4.11
daho	5,272	249	874	20,840	18,030	4.078	3,570	52.913
11	22,502	652	1,856	1,834	3,745	3,211	1,879	35,679
nd	11,978	678	1,423	1,487	3,870	2,041	1,625	23,100
owa	24,134	425	3,630	2,152	2,430	1,968	1,063	35,800
Kans	26,821	909	3,895	15,950	1,363	2,210	1,196	52,344
ky	4,339	571	4,487	2,013	11,888	1,519	559	25,376
A	4,037	595	1,427	2,270	15,342	1,731	3,353	28,758
daine	456	96	101	142	17,505	779	710	19,786
\$d	1,525	110	258 55	209	2,925	1,028	275	6,330
dass	6,567	16 869	909	1,241	2,848 19,000	1,208	637	5,006
dinn	20,519	1.394	1.993	1,954	18,415	3,867 4,004	3,910 2,466	36,363 50,744
diss	5,467	764	2,478	2,620	16,892	1,281	767	30.26
đo	12.842	947	6,692	6,610	12,661	2.321	2.064	44.15
Mont	14,504	372	1.145	49,465	19,899	4.633	3,158	93.17
Nebr	19,724	412	3,274	22,137	1.032	1.618	752	48,940
Nev	564	36	153	46,673	7,255	7,235	8.412	70,32
N.H	120	11	43	34	5.046	304	219	5,77
L.	569	62	83	54	1.856	1.598	591	4.81
i. Mex	1,553	207	542	50,525	17,256	5,325	2.295	77,700
V.Y	4,396	461	1,228	1,580	14,897	5,502	2,548	30,612
N.C	4,849	628	1,099	1,050	20,223	2,731	651	31,23
V. Dak	27,275	753	2,270	10,528	419	1,532	1,562	44,336
Ohio	10,457	733	1,515	1,610	6,422	2,983	2,504	26,224
Okla	10,731	449	4,651	16,235	9,296	2,029	629	44,026
Oreg	4,242	219 470	815	23,172	29,387	2,655	1,067	61,55
Pa	4,437	2	1,023	1,026	17,638	3,714	470	28,77
R.I	2.610	251	704	667	12,402	1,599	52	67
. Dak	16,655	255	2,770	24,670	1,700	1,590	1,111 971	19,34 48,61
Tenn	4.439	436	3,501	1,899	12,820	2,193	1.162	26,45
Tex	24,383	2,275	11,280	95,803	24.043	6,852	3,130	167,76
Utah	1,426	132	438	23,711	14,720	5,185	6,929	52.541
Vt	543	36	233	234	4.384	263	238	5,931
Va	2,685	315	1.690	1.819	16,076	2.127	747	25,45
Wash	7,470	209	688	6,679	20,534	5,337	1.688	42,600
W. Va	771	107	739	717	12,126	568	377	15,406
Wis	9,538	566	1,762	2,095	14,891	2,664	3,341	34,85
Wyo	2,101	69	560	46,016	5,885	5,375	2,204	62,210
U.S	361,340	21,008	82,736	597,833	718,177	181,664	300,829	2.263.58

NAME OF THE PROPERTY OF THE PARTY OF THE PAR

of

¹ Cropland harvested, crop failure, and cultivated summer fallow.
2 Grassland and other nonforest pasture and range.
3 Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.
4 Includes urban and transportation areas, Federal and States areas used primarily for recreation and wildlife purposes, military areas, farmsteads, farm roads and lanes, and miscellaneous other uses.

Economics, Statistics, and Cooperatives Service—Economics. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 606.-Land in farms: Irrigated land, by States, 1939-74

State	1939	1944	1949	1954	1959	1964	1969	1974
	1.000 acres	1.000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1.000 acres	1.000 acres
la	(2)	(2)	(3)	17	17	12	11	14
laska						(2)	1	1
riz	575	736	964	1.177	1,152	1,125	1,178	1.153
rk	159	289	422	858	712	974	1,010	949
alif	4,277	4,952	6,438	7,048	7,396	7,599	7,240	7,749
do	2,468	2,699	2,872	2,263	2,685	2,690	2,895	2,874
nn	1	(2)	8	12	5	14	9	7
1	(2)	(2)	(2)	6	16	18	20	20
	126	222	365	428	414	1,217	1,365	1,559
	(2)	(2)	. 3	24	34	64	79	112
waii	(3)	(3)	117	(3)	141	144	146	142
no	1,895	2,026	2,137	2,325	2,577	2,802	2,761	2,859 54 33
**********			2 5	7	10	14	51	04
	1 2	1	1	12	17 18	17 22	34 21	33
D8	83	96	139	332	762	1,004	1.522	2.010
	(2)	(2)	(2)	13	9	1,004	20	
	414	536	577	708	485	581	702	702
ne	(2)	(2)	2	1	2	4	6	6
	(2)	(8)	ī	8	11	16	22	93
	2	11	19	23	20	24	19	23 19
h	2 3	3	14	23	40	49	77	97
nn	3	(2)	4	9	15	18	36	97 78
	(2)	(2)	5	132	100	123	150	162
	1	1	2	33	30	59	156	150
nt	1,588	1,555	1,717	1,891	1.875	1.893	1,841	1,759
	474	632	876	1,171	2,078	2,169	2,857	3.967
	756	674	727	567	543	825	753	778
	(2)	(2)	1	1	1	3	2	2
	8	12	28	59	74	96	72	89
fex	436	535	655	650	732	813	823	867
********	6	10	19	59	58	79	55	55
********	(2)	(2)	2	25	66	97	59	51 71 22
Dak	20	23	35	38	48	51	63	71
io	5 4	2	6	15	12	17	22	22
a	1,030	1,129	1,307	1.490	198 1,384	302	524	515
	1,030	1,149	1,307	1,490		1,608	1,519	1,561
*******	(2)	(2)	2	1	(2) 17	23	19	18
	(2)	(2)	6	22	25	19	15	10
Dak	54	53	78	90	116	130	148	152
nn	(2)	(2)	1	23	11	111	12	10
	895	1,320	3,123	4,707	5.656	6,385	6,888	6,594
h	911	1,124	1.138	1.073	1,062	1,092	1,025	970
	0	(2)	(2)	1	2	2	(2)	1
	1	1	3	22	31	51	37	26
ash	494	520	589	778	1,007	1.150	1,224	1,309
Va	(2)	(2)	(2)	1	1	2	3	2
is	2	5	10	18	32	62	106	128
yo	1,284	1,354	1,432	1,263	1,470	1,571	1,523	1,460
U.S	17,983	20,539	25,905	29,552	33,164	37,057	39,122	41,243
R	(2)	(3)	(3)	(3)	76	89	91	70
I	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Total	17,983	20,539	25,905	29,552	33,240	37,145	39,213	41,313

Data may not add because of rounding.
 Less than 500 acres.
 Not available.

Economics, Statistics, and Cooperatives Service — Economics. Data from the Census of Agriculture, U.S. Department of Commerce.

POOTNOTES FOR TABLE 608

¹ Land and buildings.
² Excludes Alaska and Hawaii. Data as of the first day of month specified.

Table 607.—Farm real estate: Value of farmland and buildings by farm production regions, 1964-791

Year	Northeast	Lake States	Corn I	Belt	Northern Plains	Applachian	Southeast
1964	Million dollars 8,758 9,195 9,580 10,024 10,477 11,190 12,290 12,290 12,884 13,969 15,813 19,348 21,144 23,133 27,282 30,212	Million dollars 11,766 12,022 12,585 13,462 14,178 15,116 16,317 17,351 20,021 24,063 27,735 32,031 39,985 44,379 51,090	37, 41, 44, 47, 48, 49, 50, 53, 59, 75, 85, 104, 137, 150,	496 431 384 860 091 983 504 462 342 552 062 827 693 854	Million dellars 16,343 17,184 18,729 20,233 21,819 22,917 23,102 23,442 27,885 35,457 42,843 49,955 57,017 58,494 67,967	Million dollars 12,537 13,191 14,016 14,940 15,866 16,680 17,287 19,655 22,090 26,346 27,215 30,043 32,929 35,593 41,080	Million dollars 10,328 11,019 11,513 11,939 12,571 13,533 14,452 15,513 16,822 28,967 24,967 22,944 23,33,322
Year	Delta Sta	Souti Pia		Мо	untain	Pacific	48 States
1964	Million dollars	s doll			fillion ollars 13,575	Million dollars 21,366	Million dollars 158.063

19,894 21,326 22,238 23,346 25,009 26,289 27,552 28,982 31,744 35,896 43,879 166,980 178,663 188,529 199,099 206,572 215,042 1965 1966 1967 14,073 15,208 16,094 16,954 17,575 18,413 19,729 21,904 24,567 30,803 33,740 22,741 23,673 23,346 24,113 24,504 24,264 24,264 25,271 26,535 29,556 32,745 34,322 35,479 30,128 45,822 8,797 9,736 10,236 11,022 11,786 12,412 12,674 13,754 15,088 18,161 18,373 43,879 44,741 49,086 52,615 1975 37,676 42,071 44,952 50,218 19,291 20,849 1977 57,994 64,570 583,914 1979

Economics, Statistics, and Cooperatives Service - Economics.

Table 608. — Farm real estate: Index numbers of average value per acre, United States, 1964—7912

[1967 = 100]

Date	Index	Date	Index	Date	Index
1964:		1970:		1976:	
Mar	82	Mar	117	Feb	241
Nov	85	Nov	120	Nov	267
1965:		1971:		1977:	-
Mar	86	Mar	122	Pak	981
	90	Nov	127	Name	283 294
	90	Nov	121	Nov	20%
1966:		1972:		1978:	
Mar	93	Mar	132	Feb	308
Nov	98	Nov	141	Nov	332
1967:		1973:		1979:	
Mar	100	Mar	150	Feb	351
Nov	105	Nov	170		
1968:	1	1974:			
Mar	107	Mar	187		
Nov	111	Nov	204		
1969:	***	1975:	2004		
	***		010		
Mar	113	Mar	213	II I	
Nov	116	Nov	228		

See footnotes on page 421.

¹As of Mar. 1 in 1964-75 and as of Feb. 1 in 1976-79. Data are derived by multiplying average value per acre of farm real estate by the land in farms.

Table 609.—Farm real estate: Index numbers of average value per acre, by States, 1975-791

[1967 = 100]

State	1975	1976	1977	1978	1979	State	1975	1976	1977	1978	1979
Ala	233	258	275	288	328	Nev	299	307	307	341	365
Ariz	211	217	227	237	254	N.H. ²	257	278	301	332	365
Ark	191	213	238	261	316	N.J	340	377	377	387	418
Calif	133	136	137	155	191	N. Mex	197	206	227	236	253
Colo	209	244	285	305	369	N.Y	275	296	313	318	347
Conn. 2	257	278	301	332	365	N.C	216	232	246	253	299
Xel	242	288	334	374	430	N. Dak	265	310	349	369	413
la.3	224	237	253	273	303	Ohio	208	252	331	373	445
ia	298	299	322	357	386	Okla	212	234	258	284	312
daho	243	264	296	320	349	Oreg	228	242	254	277	302
11	209	260	353	390	441	Pa	315	350	422	471	537
nd	200	244	321	361	415	R.I.3	257	278	301	332	368
owa	234	294	397	413	475	S.C	273	284	311	319	373
Kans	211	235	267	270	310	S. Dak	214	241	287	336	380
Ky	203	239	281	317	374	Tenn	236	251	275	307	336
	191	201	218	251	286	Texas	193	213	228	252	282
Maine ²	257	278	301	332	365	Utah	232	261	289	305	326
Md	248	299	316	368	420	Vt.3	257	278	301	332	365
Mass. 2	257	278	301	332	365	Va	250	278	302	327	386
Mich	184	201	256	287	319	Wash	178	213	249	268	297
Minn	242	294	369	413	483	W. Va	317	398	417	426	496
Miss	204	205	217	249	279	Wis	240	271	322	381	446
Mo	214	241	284	325	364	Wyo	218	254	273	285	321
Mont	237	278	321	355	394		-	-	-	-	-
Nebr	215	271	307	295	360	48 States	213	242	283	308	351

All farmlands with improvements as of Mar. 1; Feb. 1, beginning 1976.
 Based on an average for the six New England States.
 Value indexed up by the average of the percentage change in Alabama and Georgia index values beginning 1973.

Economics, Statistics, and Cooperatives Service - Economics.

Table 610. - Farm transfers: Estimated number by various methods per 1,000 of all farms, United States, 1964-791

[Number per thousand]

Year ²	Volun- tary sales	Fore- clo- sures 3	Tax sales	All other sales 4	Total	Year ²	Volun- tary sales	Fore- clo- sures ³	Tax sales	All other sales 4	Total
1964 1965 1966 1967 1968 1969 1970	28.5 30.3 31.1 30.9 30.4 30.6 27.8 28.7	1.6 1.4 .9 .8 1.1 1.0 1.6 1.4	0.4 .4 .6 .2 .2 .2 .3	14.6 14.3 13.7 12.6 12.5 12.9 12.0 12.6	45.1 46.4 46.3 44.5 44.2 44.8 41.4 42.7	1972 1973 1974 1975 1976 1977 1978 1979	34.0 41.0 41.2 32.3 28.1 28.0 26.9 25.9	1.4 1.3 .9 1.3 1.5 1.4 2.0		12.5 13.5 16.2 14.2 13.1 13.6 12.8 12.6	47.5 55.5 58.2 47.6 42.1 43.0 41.1 39.6

¹ Excludes Alaska and Hawaii.
² Years ending Mar. 1 in 1964-75 and Feb. 1 in 1976-79.
³ Includes foreclosures, assignments, bankrupticies, and related defaults.
⁴ Includes inheritances and gifta, administrators' and executors' sales, and miscellaneous or unclassified sales.

Table 611.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, 1970-79

[Number per thousand]

Type of transfer and year 1	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lachian	South- east	Delta States	South- ern Plains	Moun- tain	Pacific	United States 3
Voluntary sales and trades: 3											111
1970	34.6	38.2	25.6	21.9	20.5	23.5	25.7	28.1	38.1	38.5	07.0
1971	37.4	36.0	24.8	19.2	24.2	30.1	21.9	30.4	33.8	40.5	27.8
1972	37.4 35.9	39.5	35.2	26.0	24.2 27.9	30.6	23.4	40.9	42.5	48.3	28.7 34.0
1973	42.7	42.3	40.7	32.5	35.6	43.3	31.0	46.3	49.3	61.1	41.0
1974	37.9	44.3	43.0	32.1	34.0	32.6	34.2	52.6	53.9	58.9	41.2
1975	33.1	40.3	30.4	22.8	26.4	28.7 17.0	29.3	33.6	40.8	58.2	32.3
1976	32.2	33.6	27.3	19.4	26.5	17.0	22.3	32.6	35.9	43.8	28.1
1977	26.1	31.3	29.5	18.7	25.8	25.4	28.0	22.1	32.4	51.6	28.0 26.9 25.9
1978	33.6	28.0	29.2 26.7	18.0	25.2	20.1	20.4	23.7	34.8	51.6 44.7	26.9
1979	26.5	26.8	26.7	21.1	22.9	21.0	23.8	21.8	32.3	48.1	25.9
eliquent taxes:											-
1970	.2					****			.5		*****
19/1					****						
1972	****	****	****						***		
1973					****	****				****	
1974		****		****		****					
1975	****	****			****						*****
1970	****				****					****	
1977		****	****	****	****	****			***		
1978		****				****			***		
1979 reclosure of		****			****	****	****	****		****	*****
reciosure of						-					
mortgages, bankruptcy, etc.:						11-0	1				
1970	1.3	1.8	.5	.5	1.7	.9			1.2	2.4	10
1971	2.2	1.5	1.2	1.1	.5	1.2	.5 1.4 2.0	.8	2.1		1.6
1972	1.7	1.5	1.0	1.3	1.1	1.5	2.0	1	2.0	3.6	1.4
1973	2.1	2.4	0.1	0.0	.8	.8	1.1	.7	3.2	3.0	1.4
1974	.8	1.0	8	, s	.6	.3	1.7		1.4	2.6	
1975	2.2	.6	.9 .6 .8	.9 .5 .7 .5 1.0	.9	1.1	1.3	1.7	2.5	5.3	1.3
1975	1.6	1.6	.6	- 6	1.4		3.1	2.4	1.8	4.7	1.5
1977	2.8	1.4	.6	1.0	8	2.5	2.0	1.6	2.3	3.2	1.4
1978	2.0	3.3	1.4	1.7	1.2	2.1	2.0	2.2	2.3	4.3	1.9
1979	1.2	1.5	.6	1.2	1.2	1.0	1.4	1.0	1.6	1.9	2.0
1979		2.0		4.0	1.0	1.0	4.4	1.0	1.0	1.0	8.4
gifts:						100					
1970	2.4	3.5	4.5	3.9	5.1	5.6	6.4	4.5	2.8	44	44
1971	4.3	2.1	4.9	4.2	4.7	7.2	4.9	5.5	4.0	4.4	4.4
1972	1.7	2.1	4.6	4.7	6.2	7.2 4.7	5.0	5.9	3.1	4.9	4.4
1973	3.2	2.0	4.5	4.4	5.2	4.5		4.9	2.2	4.4	4.2
1974	6.2	2.1	5.3	6.0	6.5	6.5	4.4 7.6 5.2	10.9	3.1	4.4 3.7	6.0
1975	5.8	2.6	4.6	3.4	7.2	4.1	5.2	11.0	2.7	3.6	5.4
1975	5.9	2.3	4.7	3.8	6.9	6.5	5.5	11.2	3.5	3.8	5.6
1977	3.8	3.4	6.6	5.0	6.2	7.5	9.9	7.2	5.4	3.6	6.0
1978	4.0	2.1	6.2	4.1	7.9	7.1	5.1 5.3	6.5	3.2	3.6	5.4
1979 ministrators'	4.0	1.8	5.0	4.1	7.5	7.7	5.3	5.4	3.4	3.6	5.0
ministrators'						1000					
and executors'											
sales: 4 1970	0.0	4.5									100
1970	6.3	4.5	7.2	7.4	8.1	7.5	4.1	6.6	5.2	4.3	6.5
1971	6.1	5.7	7.3 9.2	8.1	6.5	7.5	6.2	6.6	3.9	5.0	6.6
1972	4.8 7.5	5.3	9.2	8.9	8.2	4.5	3.4	7.6	5.7	4.5	6.8
1973	7.5	6.2	10.0	8.3	10.0	6.7	8.1	8.0	3.9	4.5	8.1
1974	6.2	5.3	9.4	9.2	9.2	8.6	11.2	8.0	4.9	7.2	8.3 7.2
1975	7.4 5.3	7.1 4.7	7.6	6.7	7.4	5.3	9.8	8.0	5.1	4.6	7.2
1976	5.3	4.7	8.2	6.5	6.8	5.7	5.4	6.6	4.5	3.8	6.3
1977	6.6	4.4	7.7	7.1	7.6	5.6	9.7	4.6	4.7	4.8	6.5
1970	6.2	4.2	7.0	7.7	8.7	6.8	3.6	5.2	3.3	5.3	6.3
1979	7.6	5.4	7.2	7.0	8.6	7.1	5.6	4.5	3.2	4.9	6.5
rai, all classes	40.	40.4	00.0								
1970	45.4	49.1	38.6	34.9	36.5	39.9	37.4	40.6	48.2	49.9	41.4
1971	54.1	46.5	39.2	33.9	36.9	47.7	34.6	43.5	45.2	55.5	42.7
1972	45.7	50.5	51.3	42.1	44.5	43.2	34.8	55.9	55.1	61.9	47.9
1973	57.7	54.3	57.2	46.9	52.8	56.0	45.8	60.7	60.3	75.1	55.9
1974	53.2	54.3 54.9 52.1	60.4	49.2	51.6	48.9	56.8	76.2	64.1 53.2	74.1	58.3
1975	49.7	52.1	44.5	34.2	43.6	40.1	47.3	58.6		72.9	47.8
1976	46.5	42.9	42.1	31.1	42.6	30.0	37.0	55.4	47.1	57.7	42.7
1977	41.8	41.9	45.4	32.7	41.2	41.7	50.0	36.2	47.1	64.8	43.0
1978	47.0	38.7	44.4	32.5	44.1	36.6	32.7	38.9	44.7	60.5	41.7
	40.8	36.0	40.4	34.9	42.1	37.4	37.3	32.8	41.9	60.5	39.6

Pr

¹Years ending Mar. 1 in 1970-75 and Feb. 1 in 1976-79. ²Excludes Alaska and Hawaii. ³Includes contracts to purchase, but not options. ⁴Includes all other sales in settlement of estates. ⁵Includes miscellaneous and unclassified.

Table 612.—Farm assets and claims: Comparative balance sheet of the farming sector,
United States, Jan. 1, 1964-79

Item	1964	1965	1966	1967	1968	1969	1970	1971
ASSETS -	Billion							
Physical assets: Real estate	dollars 158.6	dollars 167.5	dollars 179.2	dollars 189.1	dollars 199.7	dollars 209.2	dollars 215.8	dollars 223.2
Non-real-estate: Livestock 1	15.9	14.5	17.6	19.0	18.9	20.2	23.5	23.7
Machinery and motor vehicles	23.9	24.8	26.0	27.4	29.8	31.3	32.3	34.4
Crops stored on and off farms 2 Household furnishings and equipment	9.8	9.2	9.7	10.0	9.6	10.6	10.9	10.7
Financial assets:	8.8	8.4	8.4	8.3	8.8	9.4	9.6	10.0
Deposits and currency	9.2	9.6	10.0	10.3	10.9	11.5	11.9	12.4
United States savings bonds Investments in cooperatives	5.4	4.2 5.6	4.0 5.9	3.9 6.2	3.8 6.5	3.8 6.8	3.7 7.2	3.6
Total ³	235.8	243.8	260.8	274.2	288.0	302.8	314.9	326.0
CLADES								
Linkilition		-	-		1			
Real-estate debt	16.8	18.9	21.2	23.1	25.1	27.4	29.2	30.8
Commodity Credit Corporation 4 Other reporting institutions 5	1.9	1.6	1.4	1.2	1.4	2.7	2.7	1.9
Nonreporting creditors	6.2	6.3	7.0	12.4 7.4	13.8 7.1	14.6 5.8	15.8 5.3	17.4
Total liabilities 3	34.4	36.8	40.7	44.1	47.4	50.5	53.0	54.5
Proprietors' equities	201.4	207.0	220.1	230.1	240.6	252.3	261.9	271.5
Total ³	235.8	243.8	260.8	274.2	288.0	302.8	314.9	326.0
Item	1972	1973	1974	1975	1976	1977	1978	19791
ASSETS	Billion							
Physical assets: Real estate	dollars							
Real estate	239.6	267.3	327.7	368.5	416.9	483.8	525.8	599.
Livestock 1	27.3	34.1	42.4	24.6	29.5	29.0	32.0	51.3
Machinery and motor vehicles	36.6	39.3	44.2 22.1	55.7 23.3	65.0 21.3	71.9	77.7	84.3
Household furnishings and equipment	10.8	11.9	12.3	14.0	14.2	14.4	16.4	27.4
Financial assets:								
Deposits and currency United States savings bonds	13.2	14.0	14.9	15.1	15.6	16.0	16.3	16.5
Investments in cooperatives	8.8	9.7	10.8	12.1	13.3	14.2	15.5	16.5
Total 3	351.8	394.8	478.5	517.6	580.2	655.7	713.0	820.
CLAIMS								
Liabilities	90.0	05.0	41.0	40.0		***		-
Real-estate debt	32.2	35.7	41.3	46.3	51.1	56.6	63.7	72.4
Commodity Credit Corporation 4	2.3	1.8	.7	.3	.3	1.0	4.5	5.5
Other reporting institutions 8	19.6	22.0 5.8	26.2 5.9	29.2	33.1 6.3	37.8 7.3	42.7 8.4	10.4
					-	-		-
Total liabilities 3	59.1 292.7	65.3 327.5	74.1 404.4	81.8 435.8	90.8 489.4	102.7 553.0	119.3 593.7	137. 682.
Total ³	351.8	394.8	478.5	517.6	580.2	655.7	713.0	820.

Horses and nules are excluded.
Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.

Total of rounded data.
Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

Can of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.

Teliminary.

Table 613. - Production assets: Total used in agriculture, United States, Jan. 1, 1964-79

		Average				Average		
Year	Total 1	Per farm worker	Per farm	Year	Total 1	Per farm worker	Per farm	
1964	Billion dellars 185.6 193.1 208.9 221.1 233.4 245.3 256.3 266.5	Dollars 53,688 57,552 64,130 69,977 75,994 77,144 86,904 91,488	Dollars 28,475 31,806 37,225 42,429 47,590 51,646 55,822 58,686	1972	Billion dollars 286.7 322.7 394.5 425.4 483.2 549.9 596.1 682.3	Dollars 100,257 114,304 141,161 153,723 176,461 203,205 223,076 258,824	Dollars 64,39 73,52 90,656 96,56 110,89 125,28 143,04 172,63	

¹Includes farm real estate less value of operators' dwellings; livestock; machinery; motor vehicles less about 75 percent of the value of automobiles and about 26 percent of the value of farm trucks; one-half of the Jan. 1 inventory value of feed crops (excluding those under CCC loan), hay, and forage stored on farms; and working capital needed to meet farm production expenses.

² Preliminary.

=

Economics, Statistics, and Cooperatives Service - Economics.

Table 614. - Livestock: Number and value, United States, Jan. 1, 1977-79

		Number		Value						
Class of livestock and poultry	stumoer .			Per head ²			Total			
	1977	1978	19791	1977	1978	1979 1	1977	1978	19791	
Cattle	Thou- sands 122,810 54,934 12,766	Thou- sands 116,375 56,539 12,348	Thou- sands 110,864 59,860 12,224	Dollars 206.00 47.00 42.40	Dollars 232.00 63.20 51.50	Dollars 403.00 83.30 71.70	1,000 dollars 25,251,635 2,582,568 541,458	1,000 dollars 27,055,060 3,575,279 636,088	1,000 dollars 44,661,338 4,986,498 876,240	
Total 4							28,375,661	31,266,427	50,524,076	
Chickens 3	378,238	386,429	394,505	1.70	1.69	1.75	643,511	652,308	691,327	
Turkey breeder hens ³⁵	3,069	3,038	3,383	11.12	11.32	12.53	34,119	34,390	42,400	
Total 4							29,053,291	31,953,125	51,257,806	

1 Preliminary.

Preliminary.

Based on reporters' estimates of average price per head in their localities.

Dec. 1 of preceding year.

Includes cattle, hogs, and sheep and lambs.

Selected States.

Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 615.—Farm machinery: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1964-78

Year	Tractors (e	garden)	steam and	Tractor	Motor-	Grain combines 1	Corn pickers	Pickup balers ³	Field forage
	Total	Wheel	Crawler	horsepower	trucks	combines 1	and picker shellers ³	balers 3	harvesters 4
	Thousands	Thousands	Thousands	Millions	Thousands	Thousands	Thousands	Thousands	Thousands
1964	4,786 4,787	4,598	188	172	2,970	920	705	734	31
1000	4,783	4,601 4,594	196 189	176 182	3,030	910	690	751	31
1007	4,786	4,094	193	189	3,017 3,009 3,016	888 867	686 680	752	31
1000	4,766	4,593 4,570	196	195	3,009	847	673	748 739	31
1969	4,712	4,513	199	199	3,016	820	657	725	31
1970	4,619	4,416	203	203	3,004 2,984 2,994	790	635	708	30
1971	4,584	4,391	193	206	2 994	760	630	700	30
1972	4.549	4,366	183	209	3,003	725	625	692	99
1973	4.518	4 345	173	212	3.013	701	621	684	29 29 29 25
1974	4,493	4,329	164	219	3.023	698	618	674	29
1975	4,469	4.311	158	222	3,032	524	615	667	25
1976	4,434	4,281 4,260	153	228	3,023 3,032 3,043	527	610	641	26
1977	4,402	4,260	142	232	3,044	535	605	615	27
19785	4,370	4,230	140	238	3,045	538	602	610	2

Data for 1975 and thereafter are for self-propelled combines only.

Includes cornheads for combines.

Does not include large balers that produce over 200-pound bales.

Data for 1975 and thereafter do not include flail-type forage harvesters.

Preliminary.

Economics, Statistics, and Cooperatives Service - Economics

POOTNOTES FOR TABLE 618

¹Total population includes Armed Forces overseas.

²Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold. For 1978, when farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year, the farm total is 6,501,000 people. The percentage of total is 3.0.

Economics, Statistics, and Cooperative Service. Economics and the U.S. Department of Commerce.

FOOTNOTES FOR TABLE 619

¹Annual average is the straight average of the four quarters during the year. Quarterly multiple frame surveys cover the week of the twelfth of January, April, July, and October.

² Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

³ Includes all persons doing farm work for pay during the survey week.

⁴ Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 616.—Farm machines, selected types: Units manufactured in the United States, 1964-77

Year	Tractor moidboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators 1	Power sprayers and dusters	Crop driers (heated air)
1964	Number 91,988 88,914 109,784 95,936 62,701 39,951 37,894 4,914 96,656 60,543 56,659 52,711 46,464	Number 2,453 3,645 2,332 2,565 1,136 1,186 961 1,016 1,137 1,315 1,066 3,377 278	Number 12,550 9,732 13,353 17,777 18,568 20,141 14,946 13,231 18,296 23,817 29,466 35,598 38,199 28,742	Number 21,178 27,418 30,080 29,088 23,108 22,962 16,986 14,439 16,787 25,615 30,178 31,942 25,573	Number 48,243 52,012 58,878 61,724 53,171 23,146 25,857 20,451 19,180 36,133 41,450 48,404 40,299 31,130	Number 73,022 72,545 71,099 65,691 64,708 36,718 37,649 63,359 61,835 55,593 55,031	Number 4,790 12,381 14,904 15,277 20,310 8,156 7,153 13,245 16,997 23,364 34,781 30,808 29,904 38,766
Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (com- bine attach- menta) ³	Cotton strippers
1964 1965 1966 1967 1968 1969 1969 1971 1971 1971 1971 1977 1977	Number 42,297 41,150 43,005 32,467 20,286 17,002 16,476 15,863 14,126 21,010 22,591 21,896 20,328	Number 50,975 55,590 49,212 40,623 33,384 30,939 30,476 27,989 32,656 41,890 49,118 50,151 42,621	Number 25,510 30,568 29,801 34,103 23,646 21,551 21,190 20,248 26,890 25,304 22,792 22,627 18,602	Number 37,705 38,442 46,728 42,003 31,443 24,015 21,017 21,229 21,172 25,241 28,644 31,259 31,712 31,971	Number 18,495 13,355 13,232 13,560 13,797 8,976 6,818 7,579 7,577 7,937 6,390 4,536 4,404	Number 18,237 20,723 25,576 22,829 18,616 16,828 15,856 20,230 20,642 24,985 29,228 26,741 25,087 27,441	Number 2,561 1,997 1,750 1,138 878 1,846 766 2,501 2,265 2,501 1,27 1,676
Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo ³ unloaders	Milking machines*	Mower- conditioners (combina- tion)
1964 1965 1966 1967 1967 1967 1967 1969 1969 1971 1971	Number 2,417 1,933 1,995 1,841 1,780 1,877 2,291 2,218 2,236 2,131 2,647 1,919 1,808	Number 748 1,088 1,785 1,699 737 1,195 1,118 751 628 746 1,183 1,273 1,328 1,006	Number 30,099 34,301 37,410 39,072 35,867 39,633 35,461 29,394 28,961 38,004 29,977 26,239 24,598	Number 12,387 9,687 10,773 7,875 5,818 5,585 5,434 5,377 5,091 8,653 7,386 9,080 4,871 6,232	Number 14,760 15,284 24,569 21,568 24,897 18,632 19,185 19,351 20,908 27,424 27,822 20,288 21,556 23,094	Number 23,392 23,483 20,804 16,503 13,822 13,904 12,141 12,175 14,043 14,826 16,252 10,976 9,303 11,087	Number (3) (4) (5) (5) (15,468 14,522 21,110 24,549 25,455 21,204 29,881 37,258 35,539 32,940 28,136

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

¹ Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.
² Data for "corn pickers" are included with "corn picking units" for 1977.
³ Beginning 1969, horizontal silo unloaders not included.
⁴ Includes only the number of vacuum-pump units for stationary and portable milking machines.
⁵ Not available.

Table 617.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1964-1977

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fer- tilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for pre- paring crops for market or use
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	1,000 dollars 2,261,001 3,024,463 3,190,300 2,918,300 2,875,604 2,996,944 3,681,826 4,455,022 5,959,092 7,046,354 7,525,216 7,773,546	1,000 dollars 87,945 95,597 108,919 111,540 88,872 73,846 76,164 75,974 98,810 130,635 182,301 250,134 266,660 235,001	1,000 dollars 127,916 133,467 158,480 179,625 175,713 158,111 153,354 148,565 188,505 249,018 394,993 476,274 478,322 412,854	1,000 dollars 129,241 140,098 160,987 169,001 146,781 155,005 161,053 156,538 196,517 244,528 354,436 480,273 516,847 533,285	1,000 dollars 65,188 70,641 84,315 89,443 82,372 55,500 62,425 59,629 76,920 104,196 162,786 227,440 224,013 204,260	1,000 dollars 439,391 504,824 480,006 597,531 594,428 523,751 479,118 540,532 643,869 832,482 1,093,207 1,253,430 1,435,307 1,578,517	1,000 dollars 134,815 145,951 169,061 155,647 136,855 135,753 151,778 147,158 190,239 226,596 407,652 481,334 508,250 470,326	2,000 dollars 47,774 59,450 75,471 97,567 100,415 83,974 85,390 94,219 110,899 171,860 254,921 262,379 233,656 241,054
Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and barnyard equipment
1964	1,000 dollars 973,995 1,186,733 1,445,017 1,407,706 1,369,232 1,322,642 1,395,359 1,700,407 1,830,337 2,321,889 2,867,473 3,044,640 3,220,659	1,000 dollars 50,757 51,377 67,822 70,794 67,206 73,624 68,609 77,116 103,793 144,848 186,204 178,577 173,130	1,000 dollars 47,524 50,938 55,260 55,809 53,484 57,074 52,258 54,624 61,049 99,791 139,287 155,752 158,848 175,388	1,000 doilars 29,720 36,953 43,022 41,566 40,097 31,949 34,792 38,803 51,979 69,258 91,952 100,404 87,611 96,570	1,000 dollars 25,687 30,944 30,426 34,170 33,123 39,181 41,555 44,571 60,543 67,157 80,309 68,037 77,087 91,283	1,000 dollars 40,771 44,802 61,419 62,875 47,004 63,937 72,708 57,365 62,859 72,374 76,154 70,023 100,472 125,946	1,000 dollars 12,556 12,715 19,155 19,802 21,023 22,966 30,983 17,738 25,990 37,382 45,490 37,574 59,793 51,974	1,000 dollars 47,721 53,952 65,103 67,613 66,988 74,397 82,708 88,753 109,447 144,560 167,522 137,250 160,580

Science and Education Administration. Compiled from reports of the U.S. Department of Commerce.

Table 618.—Population: Total and farm, United States, April 1964-781

		Farm po	pulation			Farm po	pulation
Year	Total popula- tion ¹	Number	Percent- age of total	Year	Total popula- tion ¹	Number	Percentage of total
1964	Thou- sands 191,245 193,709 195,999 198,206 200,208 202,161 204,335 206,567	7hou- sands 12,954 12,363 11,595 10,875 10,454 10,307 9,712 9,425	Percent 6.8 6.4 5.9 5.5 5.3 5.1 4.8 4.6	1972	Thou- sands 208,447 210,034 211,522 213,056 214,762 216,436 218,131	Thou- sands 9,610 9,472 9,264 8,864 8,253 7,806 28,005	Percent 4.6 4.1 4.1 3.1 3.1 3.1

See footnotes on page 427.

Table 619.—Farm employment: Number of persons employed, by states, 1976-781

State	Total	al employn	nent	Far	nily worke	rs ²	Hi	red worker	ns 3
State	1976	1977	1978	1976	1977	1978	1976	1977	1978
Region I 4	1,000 persons 80	1,000 persons 80	1,000 persons 78	1,000 persons 46	1,000 persons 44	1,000 persons 43	1,000 persons 34	1,000 persons 36	1,000 persons 35
N.J N.Y	22 114	23 105	23 99	10 82	11 71	12 65	12 32	12 34	11 34
Region II	136	128	122	92	82	77	44	46	45
Del	6.4 34 130 89 40.8	5.9 32 134 73 41.7	5.2 29 119 83 32	4.0 21 93 57 35	3.6 29 100 51 38	2.9 17 89 59 27	2.4 13 37 32 5.8	2.3 12 34 22 3.7	2.3 12 30 24 5.0
Region III	300.2	286.6	268.2	210	212.6	194.9	90.2	74.0	73.3
Ala Fla Ga Ky Miss N.C S.C Tean	94 92 95 144 96 188 58 143	86 90 83 137 88 164 56 131	75 96 81 131 77 145 54 116	69 31 60 114 62 110 34 121	63 30 50 108 55 92 34 107	51 31 47 98 49 85 33 94	25 61 35 30 34 78 24 22	23 60 33 29 33 72 22 22	24 65 34 33 28 60 21 22
Region IV	910	835	775	601	539	488	309	296	287
III	165 127 112 217 162 198	172 121 102 199 162 199	158 109 96 195 153 186	127 98 83 175 130 152	133 93 77 164 136 153	123 82 70 158 122 138	38 29 29 42 32 46	39 28 25 35 26 46	35 27 26 37 31 48
Region V	981	955	897	765	756	693	216	199	204
Ark	96 68 24.8 104 250	92 57 24.8 96 249	84 54 24 99 237	68 44 17 85 167	63 37 17 75 166	56 34 16 83 155	28 24 7.8 19 83	29 20 7.8 21 83	28 20 8.0 16 82
Region VI	542.8	518.8	498	381	358	344	161.8	160.8	154
lowa	224 100 196 117	213 98 173 108	216 92 157 110	181 78 169 97	171 76 153 87	177 74 130 88	43 22 27 20	42 22 20 21	39 18 27 22
Region VII	637	592	575	525	487	469	112	105	106
Colo Mont N. Dak S. Dak Utah Wyo	55 33.3 59 66 22.8 15.8	54 31.7 64.3 70 23.3 13.8	51 32.8 65.3 63 24.5 14	39 24 49 55 16 9.8	36 24 56 60 17 8.5	33 25 56 53 18 8.9	16 9.3 10 11 6.8 6.0	18 7.7 8.3 10 6.3 5.3	18 7.4 9.2 10 6.1 5.1
Region VIII	251.9	257.1	250.6	192.8	201.5	193.9	59.1	55.6	56.3
ArizCalifNev	21.6 308 5.4	25.3 287 4.7	30.9 247.5 5.1	7.6 72 2.8	9.3 69 2.2	13.9 60.5 2.4	14 236 2.6	16 218 2.5	17 187 2.
Region IX	335.0	317.0	283.5	82.4	80.5	76.8	252.6	236.5	206.
Idaho Oreg Wash	51 60 89	45 64 76	47.5 65.5 76.3	27 37 38	25 35 38	26.5 36.5 38.3	24 23 51	20 29 38	21 29 38
Region X	200	185	189.3	102	98	101.3	98	87	88
U.S	4,373.9	4,154.5	3,936.6	2,997.2	2,858.6	2,680.9	1,376.7	1,295.9	1,255.

See footnotes on page 427.

Table 620.—Farm employment: Average number of persons employed and indexes, United States, 1964-781

	Total	al employm	ent	Far	nily worker	rs ²	Hi	red worken	3
Year	Average number of persons	Index 1910-14 = 100 ⁴	Index 1967 = 1004	Average number of persons	Index 1910-14 = 1004	Index 1967 = 1004	Average number of persons	Index 1910 - 14 = 1004	Index 1967 = 1004
	1,000 persons			1,000 persons			1,000 persons		
1964	6,110	45	125	4,506	44	123	1,604	47	120
1965	5,610	41 38	114	4,128	41	113	1,482	44	110
1967	5,214 4,903	36	106	3,854	38	106 100	1,360	40 37	100
1968	4.748.8	35	97	3,535.4	38 36 35 34 33 32 32 31	97	1,253	37	10
969	4.595.8	34	94	3,419.4	34	94	1.176.4	36 35 35	
970	4.522.6	33	92	3.348.1	33	92	1.174.5	35	9
1971	4,436.3	33 33 32 32	90	3,275.1	32	90	1.161.2	34	9
972	4.373.4	32	89 88	3.227.7	32	88	1.145.7	34	9
1973	4,336.7	32	88	3,169.0	31	87	1.167.7	34	9- 9- 9: 9: 9:
974	4,388.9	32 32	90	3.074.7	30	84	1,314.2	39	10
1975	4,342.1	32	89 89 85	3.025.5	30	83	1,316.6	39	100
1976	4,373.9	32	89	2,997.2	29	82	1,376.7	41	11
1977	4,154.5	31 29	85	2,858.6	30 30 29 28 26	78	1,295.9	38	10
1978	3,936.6	29	80	2,680.9	26	73	1,255.7	37	10

¹Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual average is the straight average of the four quarters during the year.

²Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

³Includes all persons doing farm work for pay during the survey week.

⁴The 1910-14 base is the arithmetic mean of the annual average of number of persons employed for these five years. The base for 1967 is the annual average number of persons employed.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 621.-All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1964-771

		All h	ired farm wo	rkers	Workers	with 25 day du	ys or more or ring the year		m work
	Year				Number	Average de	ays worked	Average received d	earnings uring year
		Total	Male	Female	of hired farm workers	At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973		Thousands 3,370 3,128 2,763 3,078 2,919 2,571 2,488 2,550 2,809 2,671	Thousands 2,396 2,205 2,051 2,261 2,111 1,907 1,889 1,944 2,169 2,115	Thousands 972 923 712 817 808 665 599 606 641 555	7housands 2,001 1,864 1,634 1,740 1,620 1,466 1,394 1,359 1,679 1,585	Days 156 165 171 172 162 163 170 168 176 188	Days 129 137 138 142 135 131 137 135	Dollars 1,213 1,316 1,605 1,761 1,793 1,886 2,044 2,150 2,491	Dollars 933 1,045 1,186 1,386 1,434 1,406 1,516 1,576 1,877
1974 1975 1976 1977		2,671 2,737 2,638 2,767 2,730	2,115 2,165 2,036 2,086 2,092	572 602 681 638	1,585 1,568 1,458 1,622 1,675	188 178 179 174 182	154 145 146 139 146	2,942 3,051 3,274 3,516 3,973	2,300 2,430 2,584 2,714 3,018

¹ Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at sometime during the year. This series differs from the hired workers series shown in table 620 which gives an annual average of quarterly estimates of jobs on farms.

Economics, Statistics, and Cooperatives Service — Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 622. — Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1964-771

	All mig	ratory farm	workers	Migra	tory workers	with 25 day farm work	s or more of	hired
Year					Average de	ys worked	Average received d	earnings uring year
	Total	Male	Female	Number of workers	At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
1964	Thousands 386 466 351 276 279 287 196 172 184 203 209 188 213 191	Thousands 280 280 334 249 204 205 201 161 142 133 170 179 143 153 152	Thousands 107 132 104 71 74 55 35 30 51 34 30 45 60	Thousands 272 300 275 194 176 172 135 117 138 146 141 143 157 152	Days 155 149 160 145 148 152 148 142 158 177 149 170 166	Days 120 122 121 117 120 113 123 111 124 138 111 122 114	Dollars 1,881 1,474 1,779 1,555 1,711 1,937 2,007 1,830 2,434 2,873 3,102 3,522 3,709 3,832	Dollars 1,08: 1,19: 1,30: 1,29: 1,69: 1,40: 1,81: 2,27: 2,42: 2,58: 2,78:

¹Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did migratory farm work at sometime during the year. Migratory workers are those who leave their homes temporarily to do farm work in another county or State. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 623.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1964-771

	Workers	who did 25 hired farr	days or more of n work		Workers	who did 25 hired farr	days or more of n work
Year	Total	Average days worked	Average earnings received during year	Year	Total	Average days worked	Average earnings received during year
1964	Thousands 1,371 1,284 1,067 1,213 1,105 989 925	Days 147 155 159 204 154 149 157	Dellars 1,035 1,298 1,374 1,992 1,659 1,629	1971 1972 1973 1974 1975 1976	Thousands 929 1,109 1,072 1,073 972 1,068 1,133	Days 156 161 175 166 177 160 170	Dollars 1,844 2,185 2,644 2,814 3,085 3,177 3,592

¹ Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at sometime during the year. This series differs from the hired workers series shown in table 620 which gives an annual average of quarterly estimates of jobe on farms.

Economics, Statistics, and Cooperatives Service—Economics. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economics, Statistics, and Cooperatives Service.

Table 624. - Farm wage rates: Equivalent hourly rates by method of pay and wage index, United States, 1974-78

	photography in the	N 25 H		1	dethod of pay			All hired
	Year	All hired farm workers	By piece rate	By other than piece rate	By hour only	By cash wages only ²	By hour receiving cash wages only ³	farm workers wage index (1967 = 100)
1974 1975 1976 1977 1978	• • • • • • • • • • • • • • • • • • • •	Dollars 2.25 2.43 2.66 2.87 3.07	Dollars 2.58 2.96 3.14 3.48 3.76	Dollars 2.21 2.38 2.61 2.82 3.02	Dollars 2.23 2.39 2.60 2.84 3.06	Dollars 2.43 2.60 2.81 3.06 3.22	Dollars 2.32 2.45 2.65 2.90 3.10	173 190 206 221 240

¹Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in all categories, except where footnoted otherwise, in addition to wage rates shown.

² Includes all workers not receiving perquisites.

³ Includes all hourly workers not receiving perquisites.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 625. - Farm wage rates: Equivalent hourly rates by type of work, United States, 1974 - 78

			Type of wor	rk performed		
Year	Field and livestock workers 2	Packinghouse workers 3	Machine operators	Maintenance and bookkeep- ing workers	Supervisors	Other agricultural workers
1974	Dollars 2.08 2.26 2.47 2.65 2.84	Dollars 2.41 2.52 2.80 2.97 3.18	Deilars 2.25 2.50 2.72 2.92 3.11	Dollars 2.85 3.15 3.45 (4)	Dollars 3.77 4.00 4.39 4.63 4.91	Dollars 2.4 2.7 3.1 3.3 3.5

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

POOTNOTES FOR TABLE 626

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

¹Rates are annual averages of quarterly wage rates weighted by numbers of hours worked.

²The 1978 annual average for field workers is \$2.92 and livestock workers average is \$2.68. Separate estimates for field workers and livestock workers are not available prior to 1978.

²Packinghouse operations performed on farms.

⁴Included in "Other agricultural workers."

¹Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc., are provided some workers in addition to wage rates shown.

²Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Table 626.—Farm wage rates: Equivalent hourly rates, 1 by States, standard Federal regions, and United States, 1976-78

State and region	Field an	d livestock	workers	Workers p	aid by hour sh wages or	receiving	All hi	red farm w	orkers
	1976	1977	1978	1976	1977	1978	1976	1977	1978
Region I ²	Dollars 2.33	Dollars 2.38	Dollars 2.47	Dollars 2.67	Dollars 2.70	Dollars 2.79	Dollars 2.59	Dollars 2.65	Dollars 2.78
N.J	2.53 2.26	2.64 2.36	2.92 2.56	2.62 2.52	2.87 2.68	3.11 2.97	2.69 2.45	2.83 2.55	3.13 2.80
Region II	2.33	2.43	2.63	2.55	2.73	3.01	2.52	2.61	2.87
Del	2.46 2.10 2.28 2.18 1.98	2.62 2.42 2.46 2.25 2.03	2.86 2.60 2.57 2.46 2.24	2.60 2.72 2.76 2.43 2.23	2.88 3.00 2.96 2.49 2.21	3.02 3.35 3.04 2.84 2.61	2.64 2.42 2.53 2.39 2.24	2.77 2.76 2.70 2.41 2.19	3.22 2.91 2.83 2.56 2.44
Region III	2.20	2.38	2.53	2.62	2.81	3.03	2.45	2.61	2.77
Ala	2.15 2.75 2.10 2.15 1.98 2.18 2.04 2.14	2.26 2.96 2.32 2.36 2.33 2.80 2.24 2.48	2.50 3.22 2.43 2.64 2.60 2.52 2.37 2.58	2.37 2.73 2.42 2.18 2.24 2.30 2.20 2.31	2.40 2.87 2.44 2.46 2.52 2.42 2.34 2.53	2.98 3.19 2.87 2.70 2.75 2.77 2.54 2.59	2.45 3.05 2.28 2.29 2.32 2.25 2.25 2.25 2.23	2.56 3.23 2.46 2.45 2.54 2.47 2.43 2.61	2.71 3.53 2.71 2.81 2.61 2.61 2.61 2.71
Region IV	2.25	2.48	2.71	2.37	2.57	2.88	2.43	2.68	2.9
Ill Ind Mich Minn Ohio Wis	2.37 2.37 2.32 2.41 2.50 2.20	2.66 2.53 2.53 2.37 2.44 2.24	2.93 2.71 2.80 2.68 2.67 2.26	2.76 2.75 2.56 2.94 2.68 2.56	2.90 2.72 2.99 3.04 2.69 2.78	3.32 3.46 3.14 3.29 3.18 3.04	2.56 2.75 2.54 2.68 2.68 2.45	2.86 2.72 2.84 2.72 2.71 2.44	3.1° 3.0° 3.0° 2.9° 2.9° 2.5°
Region V	2.35	2.43	2.61	2.70	2.84	3.19	2.60	2.69	2.9
Ark La N. Mex Okla Tex	2.21 2.14 2.07 2.21 2.23	2.50 2.48 2.14 2.45 2.34	2.69 2.74 2.37 2.89 2.56	2.31 2.40 2.32 2.40 2.30	2.60 2.66 2.24 2.77 2.66	2.78 2.82 2.68 3.15 2.65	2.44 2.40 2.31 2.36 2.42	2.65 2.73 2.28 2.69 2.62	2.9 2.8 2.5 3.0 2.7
Region VI	2.20	2.37	2.61	2.33	2.64	2.73	2.41	2.63	2.8
Iowa	2.54 2.80 2.38 2.41	2.61 2.90 2.48 2.56	2.81 2.95 2.69 2.69	2.66 2.71 2.58 2.69	2.84 2.96 2.56 2.77	3.09 3.25 2.89 3.02	2.64 2.92 2.48 2.54	2.82 3.05 2.59 2.72	3.0 3.3 2.8 2.8
Region VII	2.54	2.62	2.76	2.65	2.79	3.04	2.64	2.81	3.0
Colo	2.58 2.16 2.70 2.16 2.21 1.97	2.66 2.21 2.93 2.19 2.53 2.12	2.84 2.42 3.10 2.31 2.55 2.35	2.64 2.68 3.29 2.26 2.35 2.74	2.71 2.88 3.34 2.66 2.76 3.03	2.86 3.05 3.85 2.69 2.95 3.49	2.79 2.28 2.99 2.25 2.38 2.14	2.83 2.26 3.08 2.35 2.66 2.41	3.1 2.4 3.4 2.4 2.7 2.7
Region VIII	2.28	2.46	2.61	2.60	2.85	3.11	2.53	2.64	2.8
Ariz	2.39 3.00 2.18	2.65 3.26 2.18	3.11 3.47 2.38	2.74 3.02 2.70	2.69 3.33 2.96	3.30 3.40 3.27	2.66 3.20 2.36	2.93 3.53 2.37	3.3 3.7 2.5
Region IX	2.97	3.21	3.42	3.01	3.30	3.39	3.16	3.47	3.7
Idaho Oreg Wash	2.74 2.50 3.05	2.77 2.63 3.32	3.00 2.81 3.48	2.77 2.82 2.95	2.88 2.93 3.21	3.05 3.21 3.49	2.87 2.83 3.16	2.90 2.85 3.48	3.1 3.1 3.7
Region X	2.86	2.96	3.14	2.87	3.03	3.29	3.01	3.13	3.3
u.s	2.47	2.65	2.84	2.65	2.90	3.10	2.66	2.87	3.0

See footnotes on page 433.

Table 627. - Crops: Area, yield, production, and value, United States, 1976-781

	•	Area harvested	P.		Yield per h	Yield per harvested acre			Production		Val	Value of production	tion
Crop	1976	1977	19782	Unit	1976	1977	19782	1976	1977	19781	1976	1977	1978 8
n for grain	1,000 acres 71,300	1,000 acres 70,872	1,000 acres 69,970	Bushel .	87.9	90.7	101.2	Thousands 6,266,359	Thousands 6,425,457	Thousands 7,081,849	1,000 dollars 13,471,796	1,000 dollars 12,944,467	1,000 dollars 14,888,95
m for forage m for silage	11,274	9,307	8,587	Ton	10.4	12.5	13.5	117,813	116,708	116,048	5.851.443	4.742.696	5.280.4
Vinter	49,460	3,025	438,909	99	29.5	31.6	32.1	1,559,923	1,537,113	1,248,272	4,253,226	3,500,357	3,728,187
ther spring	311,946	14,772	13,906	984	45.7	55.8	30.0 62.2	546,315 546,315	750,901	601,477	845,188	824,703	704.6
	1721	100.0	386	8-9-6	20.7	24.6	26.3	14,951	17,312	26,160	37,190	36,029	82,58
Corn	2,480.0	2,249.0	3,059.0	Pound	2,925	2,788	54,505	115,648	431,610	399,010	811,358 53,752	37,880	33,66
ghum for grain	14,723	14,092	13,581	Ton	48.9	8	1.00	719,817		746,410	1,450,085	1,433,761	1,444,0
ghum for silage	10,913.5	13,275.3	12,370.0	Bale	1465	10.9	10.9	10,580.6		10,855.8	3,254,954	3,614,938	3,063,83
onseed	60,311	899'09	61,495	Ton	1.99	2.16	2.31	120,006		142,264	6,810,799	6,782,482	6,579,70
s, dry edible	1,499.3	1,279.9	202.0		1,186	*1,296 *613	1,783	2,150		3,601	24,377	14,184	28,80
beans for beans	49,358	57,612	63,003	Bushel .	2,465	30.6	2,639	3,750,890	-0	3,988,624	8,768,979	10,352,409	12,244,862
stoes	1,374.5	1,358.7	1,368.1	35	114	110	116	357,674	-	13,862	1,282,856	129,592	140,71
	1.044.520	967,500	949.060	Pound	16,000	1,997	2,135	7,350	-	2,026,124	2,403,723	2,268,430	2,681,70
arcane for sugar and seed	1.478.8	1.216.2	1.273.5	Ton	37.6	36.3	36.9	28,120		27,022	616,813	327,146	2 2
ole sirup	808	30.5	30.9	Gallon .	1,870	1.796	1,782	57,774	54,777	55,071	10,638	14,661	14,86
d crops:	350.0	408.5	629.0	Pound	231	236	175	80,748	97,106	92,496	81,850	103,318	107,00
ed clover	347.6	244.1	76.5	9 9	208	305 MI	110	34,834	19,766	32,456 44,946	17,584	16,394	29,37
Public and Common	39.3	34.5	43.3	9.9	515	331	673	20,230	7.388	12,904	9,380	9,412	18,60
adino clover	11.6	12.0	13.7	9.8	180	275	212	3,422	3,300	3,562	4,449	3,960	4,76
imothy	73.0	66.1	22.2	99	ET1 ET3	187	211	12,633	12,149	16,965	3,635	6,132	3,962
Tall fearing (Kv. 31 Alta)	370.5	459.5	848.0	90	230	234	2862	85,310	107,670	166.335	17.06		_

See fortnotes at end of table.

Table 627. -- Crops: Area, yield, production, and value, United States, 1976-781 -- Continued

	V	Area harvested	P		Yield per hi	Field per harvested acre			Production		Valu	Value of production	ion
Crop	1976	1977	19781	Unit	1976	1977	1978:	1976	1977	19781	1976	1761	1978 2
eed crops — Continued	6		11.0	Pound	570	280	450	5.415	8,500	4,960	2,328	2,860	2,92
Red fescue	13.0	12.0	11.0	99	510 350	900	250	6,630	0009	5,280 4,140	5,284	3,120	3,010
Crimson clover	11.5		10.5	9.6	320	330	900	3,680	8,235	3,150	1,306	1,214	1.15
	166.0		194.0	9	1,180	1,504	1,242	196,940	270,800	240,980	30,357	36,188	33,500
Apples, commercial crop								2,642,400	2,852,200	2,561,000	253,922	281,740	309,41
ears			******	Ton			*******	821	785	727	102,068	114,746	159,436
rapes	*******	******	*******	Ton	******	******		200	989	978	101 256	134.635	186.87
Defries				Ton				128	141	126	25,703	29,696	34,60
ums (California)				Ton		******		116	167	154	43,700	49,141	90'09
runes, dried (California)	******	* * * * * * * *		Ton	******			148	126	181	9/8/09	196'0	80,100
(excluding California)	* * * * * * *	******		Ton				74	28	69	9,046	9,175	10,79
		******	******	Ton				88	252		31,340	81 775	45,89
ives				Ton				8	3		26,400	17,329	23,18
fee	*******	******		Ton				N;	8:		70,750	08080	11,018
AVOCADOS PO				Pound	000.6	10.500	8.600	5.030	6.800		780	906	88
ushberries "	0.11	11.0	45.6	do	5,218	6,314	2,821	67,555	58,245	128,737	17,643	88,280	80,177
apayas eraimmona iz	1.9	70 70	77	Ton	000,02	29,000	29.00	Supply 2	20,040		871	202	
omegranates				Ton				600	92	0170	1,890	1,430	2000
ranberries	198	34.5	36.5	Barre	169	180.3	178	5,713	6.509	6,476	187,291	214,947	200,533
Pranges 13				Box		*******		242,780	242,950	219,630	678,717	811,196	1,301,22
rapefruit 13	*******			Box		******		17,690	26,000	36,100	101 949	92.500	100.24
imen 13	******			Box				1.080	1,000	460	10,012	11,610	8,78
nngerines				Box	******			8,360	8,770	9,400	25,976	32,104	35,086
angelos	******	******		Box	*******	******	*******	6,500	9,000	006,	13,880	13,236	22,38
mples		******		Pound				103,100	236,600	250,700	83.963	136.459	151,730
Valuate				Ton				184	193	160	115,165	140,707	208,400
/Imonds	*******			Ton		******		787	313	181	184,032	284,485	11 99
foodamic page				Pound				18.990	19.690	30.980	7.007	8,030	11.28
office	2.0	20	0.6	do	1 060	1.140	940	2.120	2370	1.780	3.922	3.133	2075

ommercial vegetables: Artichokes	10.6	10.8		3	:	92	81	28	908	713	282	11,568	13,775	14,201
paragus 14	48.0	80.8	68.1	Ton		1.16	123	121	26.8	74.2	82.7	16,007	25,426	29,704
ane, snap 14	322.3	335.9		Ton.	:	25.32	18	10.78	747.0	9062	221.3	6.057	8.383	8,706
eta 18	14.0	14.1		5		10.00	8.9	84	4 989	5.694	5.752	68.204	92,748	102,081
	92.8	20.0		3		130	135	128	588	783	738	10,870	14,831	15,768
there is	98.8	91.7		5		239	280	257	23,606	23,806	24,715	116,865	172,409	165,306
nta oune	75.0	79.5		S		133	136	130	10,005	10,760	13,029	109,739	113,991	120,459
rrote	73.4	69.5		E	***	262	276	258	19,247	19,206	19,630	114,000	70 007	26,000
aliflower	33.6	37.4		200		200	R	25	3,081	3,707	16,780	133 336	140.978	183.782
ery	33.7	33.8		5		200	164	***	9 061 6	9 046 E	3,002.9	998 30g	226 132	238,550
n, sweet 14	640.5	623.9		Ton.		10.4	9.00	6.16	907.7	2000	0.000	128.814	134 989	154.971
umbers 14	177.4	175.7		Lon		00.00	900	107	200		190	7.817	7.058	-8.347
[blant	900	20 00		52		148	139	140	1 110	1.026	1.061	15.483	16.331	21,990
arole	1.7	8.9		32		108	110	130	924	1.144	1,560	11,995	16,336	24,723
	9.0	10.4		3		160	167	186	2346	2.591	3.442	24.916	25.561	32,949
reydew meions	14.0	0.01		3		040	576	286	K9 OKK	64 267	60.516	468.378	424.515	648,341
ann	225.0	231.0		5		000	2010	900	96 107	34 406	35 935	216.356	203.432	221.698
930	109.2	108.0		3	× × ×	300	1 40	180	K13 9	480 U	4610	101 982	100.533	94,753
8, green 15	383.0	300.0		Ton.		101	OF.T	00	R OKK	K 222	K 9KK	88 248	87.637	104.069
pers, green	53.8	50.9		5		98	90 00	103	108.4	104 3	1800	99 793	24.346	29.539
nach 14	31.1	30.5		. uoI		970	0.00	10.01	A 800.4	0 300 0	2 499 3	709 R70	000 000	847 685
matoes 14	436.8	471.0		Ton.		17.30	18.62	17.00	7,000.3	00,700.1	207.70	84 974	80.414	94 098
termelons	234.2	227.4		5	* * * *		116	277	016,02	110,00	8 200	84 200	62 900	60 080
opermint	72.2	6.98		Pound	**	21	21	25	3,700	4,406	0,120	90,700	28 947	94 900
	000	8 60		-		2		- 282	100	2.7.20	2.004	101110	100,00	0.400 P.O

I Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops.

I Preliminary.

I Prolubies area seeded in preceding fall.

Area seeded in preceding fall.

Vield in pounds.

Clean basis.

Toes not include Hawaii.

Toes not include Hawaii.

Seemer County, Maine.

Seemer County, Maine.

in Year of bloom.

19 Year of bloom.

10 Maine, Michigan. New Jersey, North Carolina and Oregon added to the bushherry program beginning in 1977 crop.

10 Maine adiacontinued after 1977 crop.

12 Maine adiacontinued after 1977 crop.

13 Maine adiacontinued after 1977 crop.

14 Maine adiacontinued after 1977 crop.

15 Maine adiacontinued after 1977 crop.

16 Maine adiacontinued after 1977 crop.

17 Maine adiacontinued and processing, see individual crop tables.

18 Processing only.

18 Maine adiacontinued and processing, see individual crop tables.

18 Maine adiacontinued and processing, see individual crop tables.

Economics, Statistics, and Cooperatives Service -- Crop Reporting Board.

Table 628. - Crops: Area, United States, 1964-78

		Princip	al crops				
Year	1	larvested are			Field seeds, harvested	Commercial vegetables, harvested	Fruits and planted nuts,
	Feed grains 1	Food grains 2	Total ³	Planted area total 4	area 5	area*	bearing area?
	1,000 acres	1.000 acres	1.000 acres	1.000 acres	1,000 acres	1.000 acres	1.000 acres
1964	97.147	53,244	287,262	298,454	2,777.1	3,273.5	2,798.1
1965	96,109	52,826	287,758	297,215	2,405.0	3,286.9	2.837.0
1966	97,942	52,856	283,511	293,062	2.414.0	3,417.3	2.870.1
1967	101.022	61,386	295,447	305,781	1.871.7	3,567.5	2.928.6
1968	97.310	58,114	289,668	299,384	1.861.2	3.637.1	2,983.8
1969	95,539	50,565	280,586	291,153	1,845.1	3,329.4	3,060.1
1970	99,232	46,806	283,096	293,211	2,085.9	3,204.8	3,103.4
1971	106,074	51,254	295,056	305,830	1,800.6	3,168.4	3,164.7
1972	93,780	50,171	282,976	294,609	1,508.4	3,232.6	3,139.5
1973	101,908	57,273	310,241	318,682	1,770.1	3,363.6	3,183.5
1974	99,752	68,683	316,340	326,495	1,714.0	3,333.4	3,246.9
1975	104,482	72,938	324,202	332,366	1,588.3	3,413.4	3,412.4
1976	106,266	73,972	325,517	336,256	1,543.7	3,195.0	3,373.6
1977	107,980	69,414	332,367	344,007	1,584.2	3,206.6	3,406.2
1978	104,315	60,893	324,836	334,484	1,884.8	3,223.6	3,440.9

¹Corn for grain, oats, barley, and sorghum for grain.

2 Wheat, rye, and rice

²Wheat, rye, and rice.

³Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybears, flaxseed, peanuta, sunflower (beginning 1975), popcorn, cotton, all hay, dry edible beans, dry edible peas, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets.

⁴Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice soybeans, flaxseed, peanuts, sunflower (beginning 1975), popcorn, cotton, dry edible beans, dry edible peas, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane.

⁵Includes alfalfs, red clover, ladino clover, lespedeza, timothy, orchardgrass, Ky. bluegrass, chewings fescue, tall fescue, bentgrass, crimson clover, hairy vetch, and all ryegrass.

⁶Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

⁷Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, temples, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricota, nectarines, figs, olives, avocados, dates, persimmons (prior to 1978) and pomegranates; nuts—walnuts, almonds, filberts and pistachios (beginning 1977).

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 629. - Harvested crops: Area required for specified purposes, United States, 1964 - 78

th

=

CE

			ren used for roducing						rea used f roducing		
Year	Crops har- vested 1	Ex- port	Produ- domest		Total popu- lation July 1	Year	Crops har- vested	Ex- port	Produ domest	cts for	Total popu- lation July 14
		prod- ucts ²	Total	Per capita				prod- ucta ²	Total	Per capita	
1964	Million acres 298 298 294 306 300 290 293 305	Million acres 74 76 69 69 54 61 72 62	Million acres 224 222 225 237 246 229 221 243	Acres 1.17 1.14 1.19 1.22 1.13 1.08 1.17	Mil- lions 192 194 197 199 201 203 206 207	1972	Million acres 294 321 328 336 337 344 336	Million acres 91 96 99 100 97 111 113	Million acres 203 225 229 236 240 233 223	Acres 97 1.07 1.08 1.10 1.12 1.07 1.02	Mil- lions 206 210 212 214 213 217 218

¹Area in principal crops harvested as reported by The Crop Reporting Board, ESCS, plus area in vegetables, fruits, tree nuts, and farm gardens.

²Area for exports relate to exports for year beginning July 1. Area includes seeds for crops and feed for livestock that are exported.

³Includes feed used by horses and mules.

⁴Includes persons in our military forces in this country and abroad.

⁵Paulinium.

Table 630.—Livestock and livestock products: Production and value, United States,

Product		Production ³		Va	lue of production	n
Product	1976	1977	19783	1976	1977	19782
Cattle and calves Sheep and lambs Hogs Chickens ² Turkeys ⁴ Milk Wool (shorn) Mohair ²	1,000 pounds 41,368,299 732,765 18,110,651 13,624,415 2,605,321 120,289,000 110,817 8,100	1,000 pounds 40,829,023 703,942 19,124,424 14,159,081 2,562,285 122,686,000 107,159 8,000	1,000 pounds 39,812,094 698,517 19,557,546 15,167,685 2,669,365 121,928,000 101,277 8,100	1,000 dollars 13,818,232 314,919 7,844,358 3,097,860 824,839 11,714,591 73,148 24,057	1,000 dollars 14,010,710 321,057 7,536,318 3,208,908 910,223 12,027,741 77,147 22,990	1,000 dollars 19,481,945 390,288 9,111,277 3,830,416 1,163,29 13,004,085 75,44 37,176
Ees	Thousands 64,511,000	Thousands 64,600,000	Thousands 67,034,000	3,133,472	2,994,674	2,918,000

For cattle, sheep, and hogs, the quantity of set production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.
 Preliminary.
 Including commercial broiler production.
 Turkey production and value estimates do not include an adjustment for changes in inventory.
 Texas only.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 631. - Agricultural productivity: Index numbers of farm output per unit of input, United States, 1964-78

	Year	Productivity 1	Year	Productivity 1	Year	Productivity 1
1965 1966		100 97 100	1969 1970 1971 1971 1972	102 110 110	1974 1975 1976 1976 1977	100 118 116 118

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 633 by the index of total input in table 632.
² Preliminary.

09

ts.

Economics, Statistics, and Cooperatives Service - Economics.

¹ Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 672.
² Preliminary.

Table 632.—Total farm input: Index numbers of farm input by major subgroups,
United States, 1964-78
[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	cultural	Feed, seed, and live- stock pur- chases ²	Taxes and interest	Miscella- neous
964 965 966 966 967 967 967 967 977 977 977	100 98 98 98 100 100 100 100 100 100 100 100 103 104	122 110 103 100 97 93 89 86 82 80 78 76 73 71 67	100 99 99 100 99 98 101 99 96 97 95 96 97	93 94 96 100 101 101 100 102 101 105 109 113 117 118	71 75 85 100 108 111 115 124 131 136 140 127 145 151	92 93 97 100 97 101 111 113 116 107 101 110	100 100 100 100 100 100 100 100 100 101 101 101	113 100 100 100 100 100 100 111 111 110 100 112 112

¹ Includes fertilizer, lime, and pesticides.
³ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 633.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1964-78 [1967 = 100]

		Lives	tock an	d prod	acts !					Cr	ops				
Year	Farm output	All livestock and products?	Meat animals ³	Dairy products*	Poultry and eggs 8	All crops	Feed grains?	Hay and forage	Food grains*	Vegetables 10	Fruits and nuts !!	Sugar crops 12	Cotton	Tobacco	Oil crops 13
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	95 98 95 100 102 101 110 110 112 106 114 117 121	97 95 97 100 100 101 105 106 107 105 106 101 106 106	97 92 96 100 101 102 108 109 108 110 102 105 105	104 104 101 100 99 98 99 101 102 98 99 98 103 105 104	87 90 96 100 98 100 105 106 106 106 1110 112 118	93 99 95 100 103 104 100 112 113 119 110 121 121 130 131	75 88 89 100 95 89 116 112 115 93 114 120 126 135	94 98 97 100 99 100 105 104 109 104 108 102 107	86 88 88 100 106 98 91 107 102 114 120 142 141 132 124	89 96 97 100 104 101 98 98 99 100 102 101 102 108 107	97 100 98 100 98 116 110 118 106 126 128 137 136 136	112 100 100 100 113 115 114 116 127 112 104 138 116 118	209 208 130 100 148 137 139 145 187 178 158 112 142 191 146	113 94 96 100 87 91 97 86 88 88 101 110 108 98	8 99 100 11: 11: 12: 13: 15: 12: 15: 13: 13: 13: 13: 14:

¹ Production of livestock and livestock products for human use, horses and mules excluded. ² Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown. ³ Cattle and calves, sheep and lambs, and hogs. ⁴ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁵ Chicken eggs, commercial broilers, chickens, and turkeys. ⁶ Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. Farm gardens included through 1964. ¹ Corn for grain, oats, barley, and sorghum grain. ⁸ All hay, sorghum forage, corn silage, and sorghum silage. ⁹ All wheat, rye, buckwheat, and rice. ¹⁸ Potatoes, weetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. ¹¹ Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bolom. ¹² Sugarbeets, sugarcane for sugar and seq sugarcane airup, and maple sirup. ¹³ Soybeans, peanuts harvested for nuts, cottonseed, flaxseed, and tung nuts. ¹⁴ Preliminary.

² Nonfarm portion of feed, seed, and livestock purchases.

Table 634.—Farm output: Index numbers by farming regions, 1964-78

Year	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lach- ian	South- east	Delta States	South- ern Plains	Moun- tain	Pacific	United States
1964	97	98	89	90	103	89	107	102	92	103	90
1965	100 92	97 98	94 93	94 96	98 93	95 86	107 99	112 100	96 95	102	90 90 90
1967	100	100	100	100	100	100	100	100	100	103	10
1968	95	103	98	104	96	92	113	112	104	108	10
1969	97	100 102	97	109	100 101	98 98	113 108 114	112 105	106	109	10
1970	99	102	92	102	101	98	114	108	107	109	10
1971	101	111	108	122	104	111	119	100	111	112	11
	90 92	107 110	105 104	121	105 107	108 111	123 118	116	110	116	11
1974	97	103	92	125 107	108	118	115	132 110	110 111	120 128	110 110 111 10
1975	97 97	108	109	115	112	119	113	123	117	136	11
1976	101	105	113	113	119	125	113 122	127	117 122	140	11
1977	98	130	116	125	111	113	130	141	114	135	11 11 12
19782	104	127	116	127	117	120	128	120	122	133	12

¹ For States included in regions, see footnote 1, table 672.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 635.—Cropland used for crops: Index numbers by farming regions, 1964-78

Year	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lach- ian	South- east	Delta States	South- ern Plains	Moun- tain	Pacific	United States
964	105	100	95 95 96	98	95 96	99	90	108	99	101	96
965	102	99 97	95	99	96	96	92	108	101	100	94 94 94
0.00	102 100	100	100	99	95	92	91	101	99	99	94
968	95	98	95	100 98	100 98	100 99	100 108	100	100	100	100
969	91	92	93	100	94	96	107	107	100 102	100 97	90 90 90 100
970	94	93	94	99	94 95	98	110	100	102	99	
971	95	99	99 96	100	103	104	110	97	101	99	10
972	92	94	96	99	99	101	110	94	103	102	9
973	94	103	104	102	104	106	111	109	102	101	100
974	97	106	108	103	108	111	113	111	105	106	10
975	97	108	109	104	111	115	116	112	105	108	10
976	98	111	110	108	113	117	124	108	106	109	10
977	99 98	113 110	113	107	118 117	123 123	128 128	112 105	106 106	106 107	111

See footnotes on page 439.

Table 636.—Crop production per acre of cropland used for crops: Index numbers by regions, 1964-78
[1967 = 100]

Year	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lach- ian	South- east	Delta States	South- ern Plains	Moun- tain	Pacific	United States
1964	87	90	86	88	113	91	131	97	93	105	95
1965	93	93	97	97	104	101	125	113	97	103	100
1966	85	102	96	98	98	89	110	190	96	107	97
1967	100	100	100	100	100 95	100	100	100	100	100	100
1968	97	108	104	109	95	88	110	116	104	111	108
1969	103	113	108	117	105	97	103	99	105	114	100
1970	102	111	96	103	103 98	96	106	107	104	111	10: 11: 11: 11: 10: 11:
1971	102	116	115	130	98	105	110	96	108	115	111
1972	87	120	118	131	104	105	115	122	107	116	111
1973	96	117	110	135	102	105	111	133	111	124 129	116
1974	100	103	89	106	99	108	101	95	111	129	104
1975	98 97	109	112	119	103	104	101 99 96	109	113	132	112
1976	97	94	110	111	104	105	96	118	119	133	111
1977	94	133	114	132	92	86	104	136	115	134	111 117 121
19782	102	132	122	141	101	96	102	117	124	130	121

See footnotes on page 444.

Table 637.—Labor: Indexes of farm production per hour, by farming regions, 1964-781 [1967 = 100]

Year	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lach- ian	South- east	Delta States	South- ern Plains	Moun- tain	Pacific	United States
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975	82 88 88 100 101 110 118 125 123 131 143 149 166	82 87 94 100 108 111 121 134 139 151 145 161	77 88 91 100 104 110 111 133 138 142 131 165 179	83 91 96 100 106 118 111 131 138 142 122 139	82 86 89 100 103 112 122 133 144 151 154 156 172	79 90 87 100 99 104 110 128 130 135 148 155 167 157	82 90 94 100 114 112 125 135 143 149 153 166 182	85 98 100 100 114 107 111 108 126 145 128 150 165	77 89 93 100 104 106 114 121 125 128 137 146 158	90 96 97 100 106 108 115 118 127 125 133 143 151	8: 8: 9: 100 10: 11: 12: 13: 13: 15: 16: 17: 18:

8

ŀ

C

1

8

E C

C

C T

Economics, Statistics, and Cooperatives Service - Economics.

Table 638.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1964-781 [1967 = 100]

	1	ivesto	k and	product						Cr	ope				
Year	Farm out- put	All live- stock and pro- ducts	Meat an- imals	Milk	Poul- try	All	Feed grains	Hay and forage	Food grains	Vege- tables	Fruits and nuts	Sugar	Cotton	To- bacco	Oil crops
1964 1965 1966 1967	81 89 92 100 106	82 86 93 100 105	89 89 95 100 104	79 87 93 100 108	81 87 93 100 104	79 90 94 100 106	77 91 93 100 102	68 85 93 100 103	99 101 104 100 110	90 96 97 100 103	97 98 102 100 101	89 88 92 100 110	87 102 102 100 133	85 82 89 100 101	96 104 100 100
1969	110 115 128 136 130	112 121 128 137 144	110 117 122 130 137	117 125 136 148 153	112 119 128 142 151	108 111 126 135 138	109 109 136 153 153	105 105 111 120 125	117 121 130 124 131	110 110 114 116 116	107 109 111 109 118	111 116 125 127 122	125 136 149 187 224	110 129 134 149 147	113 123 134 144
1974 1975 1976 1977	136 152 162 173 183	156 160 178 189 204	147 150 164 172 186	168 178 202 223 242	166 175 200 215 241	128 142 146 158 166	131 156 164 177 199	124 133 128 141 158	115 130 127 129 135	116 116 123 129 130	129 125 129 126 128	118 134 139 141 146	208 255 302 434 442	158 157 164 166 176	134 156 150 170 160

¹ Index of farm production (see table 633) divided by the appropriate index of hours of labor (for absolute number of hours, see table 661).
² Preliminary.

¹ Index of farm output (see table 634) divided by index of hours of labor used on farms (for absolute number of hours of labor used on farms in the United States, see table 661.

² Preliminary.

Table 639.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-781

Crop and item	1915-19	1925 - 29	1935-39	1945-49	1955 - 59	1965-69	1974 - 78
Corn for grain:							
Hours per acre	34.2	30.3	28.1	19.2	9.9	5.8	3.7
Yield-bushels	25.9	26.3	26.1	36.1	48.7	78.5	87.8
Hours per 100 bushels	132	115	108	53	20	7	4
Sorghum grain:	1		100	1			
Sorghum grain: Hours per acre		17.5	13.1	8.8	5.9	4.2	3.9
Yield-bushels		16.8	12.8	17.8	29.2	52.9	50.8
Hours per 100 bushels		104	102	49	20	8	8
Wheat:							
Hours per acre	13.6	10.5	8.8	5.7	3.8	29	2.9
Yield-bushels	13.9	14.1	13.2	16.9	22.3	27.5	30.0
Hours per 100 bushels	98	74	67	34	17	11	10
Hay:						-	1
Hours per acre	13.0	12.0	11.3	8.4	6.0	3.8	3.5
Yield-ton	1.25	1.22	1.24	1.35	1.61	1.97	2.15
Hours per ton	10.4	9.8	9.1	6.2	3.7	1.9	1.6
Potatoes:				-	-		1
Hours per acre	73.8	73.1	69.7	68.5	53.1	45.1	38.3
Yield-cwt	56.9	68.4	70.3	117.8	178.1	212.8	257.0
Hours per ton	26	21	20	12	6	4	3
Sugarbeets:	-		-				
Hours per acre	125	109	98	85	51	33	26
Yield-ton	9.6	10.9	11.6	13.6	17.4	17.5	19.7
Hours per ton	13.0	10.0	8.4	6.3	2.9	1.9	1.3
Cotton:		-			-	2.0	1
Hours per acre	105	96	99	83	66	30	10
Yield-pounds	168	171	226	273	428	484	462
Hours per bale	299	268	209	146	74	30	11
Tobacco:	-		-				
Hours per acre ³	353	370	415	460	475	427	259
Yield-pounds	803	772	886	1,176	1.541	1.960	2.049
Hours per 100 pounds	44	48	47	39	31	22	13
Sovbeans:	1	-		30	34		1
Hours per acre	19.9	15.9	11.8	8.0	5.2	4.8	3.7
Yield-bushels	13.9	12.6	18.5	19.6	22.7	25.8	27.8
Hours per 100 bushels	143	126	64	41	23	19	13

¹ Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.

² Preliminary.

³ Per acre planted and harvested.

Economics, Statistics, and Cooperatives Service - Economics.

Table 640.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-78

Kind of livestock and item	1915 - 19	1925 - 29	1935 - 39	1945 - 49	1955 - 59	1965 - 69	1974 - 781
Milk cows:							
Hours per cow	141	145	148	129	109	78	48
Milk per cow (pounds)	3,790	4,437	4,401	4,992	6.307	8.820	10,783
Hours per cwt. of milk	3.7	3.3	3.4	2.6	1.7	.9	A
Cattle other than milk cows:				100			
Hours per cwt. of beef produced 23	4.5	4.3	4.2	4.0	3.2	2.1	1.4
Hogs:							
Hours per cwt. produced ³	3.6	3.3	3.2	3.0	2.4	1.4	.6
Chickens (laying flocks and eggs):		10000	-				
Hours per 100 layers		218	221	240	175	97	61
Rate of lay		117	129	161	200	219	234
Hours per 100 eggs produced	*****	1.9	1.7	1.5	.9	.4	.3
Chickens (farm raised):							
Hours per 100 birds	33	32	30	29 7.7	23	14 3.7	12
Hours per cwt. produced 3	9.4	9.4	9.0	7.7	6.7	3.7	3.0
Chickens (broilers):							
Hours per 100 birds			25	16	4	2	.6
Hours per cwt. produced 3			8.5	5.1	1.3	.5	.2
Turkeys:							
Hours per cwt. produced ³	31.1	28.5	23.7	13.1	4.4	1.3	.6

Preliminary.
Production includes beef produced as a byproduct of the milk-cow enterprise.
Live-weight production.

Table 641.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States, 1964-78 [1967 = 100]

1

in

		Industr	ial prod	uction 1					Industr	rial proc	luction 1		
Year	Total	Man- ufac- tur- ing	Du- rable man- ufac- tur- ing	Non- du- rable man- ufac- tur- ing	Min- ing	Ag- gre- gate weekly pay- roll index ²	Year	Total	Man- ufac- tur- ing	Du- rable- man- ufac- tur- ing	Non- du- rable man- ufac- tur- ing	Min- ing	Ag- gre- gate weekly pay- roll index ²
1964	81.7 89.8 97.8 100.0 106.3 111.1 107.8 109.6	81.0 89.7 97.9 100.0 106.4 111.0 106.4 108.2	78.3 89.0 98.9 100.0 106.5 110.6 102.3 102.4	85.2 90.9 96.7 100.0 106.2 111.5 112.3 116.6	89.9 93.2 98.2 100.0 104.2 108.3 112.2 109.8	80.2 88.1 97.8 100.0 108.3 116.6 114.1 116.7	1972 1973 1974 1976 1976 1977	119.7 129.8 129.3 117.8 130.5 138.2 146.1	118.9 129.8 129.4 116.3 130.3 138.4 146.8	113.7 127.1 125.7 109.3 122.3 130.0 139.7	126.5 133.8 134.6 126.4 141.8 150.5 156.9	113.1 114.7 115.3 112.8 114.2 118.2 124.0	131.5 149.2 157.1 151.0 172.4 194.5 222.1

¹ Data from Board of Governors of the Federal Reserve System. ² For manufacturing. (Department of Labor series.) ³ Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 642.—Railroad freight rates: Index numbers for specified commodities, 1964-78

			Rail	lroad freight	rate index	ns 1967 — 1	001		71.00
Year	Meats	Fruits and vege- tables	Wheat	All grains	Soybeans	Cotton	Wool	Tobacco	Combined indexes 3
964	113	99	111	108	100	100	100	100	108
1965	104	99	99	101	99	100	100	100	101
1966	100	99	99	100	99	100	100	99	100
1967	100	100	100	100	100	100	100	100	100
1968	103	103	101	100	101	100	101	102	101
1969	107	108	102	100	103	103	106	108	100
1970	117	118	113	109	114	113	119	118	114
1971	132	134	125	121	126	126	134	132	120
972	136	138	120	121	127	131	136	137	129
1973	138	140	124	122	130	134	140	142	131
1974	162	161	147	146	158	155	165	166	164
1975	189	184	169	166	182	167	(3)	(3)	(3)
1976	212	208	183	181	201	183			
9774	227	210	199	194	219	168	*****		
19784	248	216	214	206	237	146			

¹ All index number series are of the weighted aggregate type. They are based on averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect.

² Combined index includes corn and small grains in addition to other products for which data are shown separately.

³ Beginning 1975, indexes for wool, tobacco, and all commodities combined have been discontinued. Those for wool and tobacco are dropped because of limited traffic. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.

⁴ These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

¹ For States included in regions, see footnote 1, table 672.
² Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 643.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1964-781

Year	Laborat	Rail and	Corporate	profits 4		Total	
Tear	Labor ³	truck trans- portation 3	Before taxes	After taxes	Other ⁸	marketing bill	
	Billion dollars		Billion dollars	Billion dollars			
964	22.1	4.3	2.8	1.4	23.4	52.	
965	23.3	4.2	3.0	1.6	23.5	54.	
966	24.6	4.2	3.4	1.8	24.9 28.2 29.0 28.9	57.	
967	25.9	4.3	3.4	1.8	28.2	61.	
968	28.0	4.5	3.6	1.8	29.0	65. 67. 73.	
969	30.4	4.6	3.6	1.6	28.9	67.	
970	32.3	5.2	3.6	1.6	32.8	73.	
971	34.5	6.0	3.9	2.0	34.9	79.	
972	37.4	6.1	4.0	1.9	32.2 33.4	79.	
973	40.6	6.0	5.4	2.8	33.4	85.	
974	44.2	7.2	6.1	3.6	38.1	95.	
975	44.2 48.5	8.3	6.1 7.9	4.0	44.6	109.	
976	54.0	9.5	7.9	4.2	44.6 49.8	121.	
9776	59.8	10.0	8.5	4.5	50.6	128.	
9787	66.0	10.8	9.5	4.8	54.2	140.	

¹ For domestic farm foods bought by civilian consumers in this country.

² Iabor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.

² Includes charges for protective services, heating and refrigeration; does not include local housing. Charges for intercity transportion by water and air are a part of the "other" or residual component of the marketing bill.

³ Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.

⁵ Preliminary.

⁷ Estimated.

Economics, Statistics, and Cooperatives Service - Economics.

Table 644. - Marketing spreads: Retail cost, farm value, farm-retail spread and farm value share of retail cost for farm-originated food products, United States, 1968-781

Year	Retail cost 2	Farm value ³	Farm- retail spread ⁴	Farm value share of retail cost	Retail cost 2	Farm value 3	Farm- retail spread 4	Farm value share of retail cost
	Market	basket of f	arm food p	roducts	Ba	kery and o	ereal produ	cts
	Index 1967 = 100	Index 1967 = 100	Index 1967 = 100	Percent	Index 1967 = 100	Index 1967 = 100	Index 1967 = 100	Percent
1968	103.6	105.4	102.5	38	103.6	97.5	104.9	1
1969	109.1	114.9	105.6	40 38 37	106.3	97.7	108.1	1 1 1 1 2 2
1970	113.7	114.0	113.5	38	112.0	103.9	113.7	1
1971	115.7	114.5	116.5	37	116.3	106.5	118.3	1
1972	121.3	125.3	119.0	39	115.9	112.4	116.7	1
1973	142.3	168.7	126.4	45	128.9	167.9	120.8	2
1974	161.9	181.1	150.4	42	167.4	243.4	151.6	2
1975	173.6	187.7	165.1	41	183.7	200.2	180.3	1
1976	175.4	177.8	174.0	38	180.8	162.3	184.6	1
1977	179.2	178.1	180.0	38	183.7	138.2	193.2	1 1
1978 6	199.4	207.4	194.5	39	199.9	163.9	207.3	1

See footnotes at end of table.

Table 644. — Marketing spreads: Retail cost, farm value, farm-retail spread and farm value share of retail cost for farm-originated food products, United States, 1968-781 — Continued

Year	Retail cost ²	Farm value ³	Farm- retail spread 4	Farm value share of retail cost	Retail cost 2	Farm value ³	Farm- retail spread ⁴	Farm value share of retail cost
		Meat p	roducts		Fruits and	l vegetables	, fresh and	processed
1968	116.6 115.5 129.3 160.1 163.0 178.3 178.5 174.3	Index 1967 = 100 101.6 116.4 113.7 112.1 133.2 179.5 160.9 188.3 170.1 169.8 211.5	Index 1967 = 100 99.4 104.9 120.4 119.8 124.2 134.9 165.6 165.2 189.5 180.0 200.6	Percent 57 59 55 58 63 56 60 54 55 58	Index 1967-100 112.1 112.6 115.3 121.9 125.8 142.0 159.8 172.4 176.4 192.6 234.7	Index 1967 = 100 120.3 117.8 113.6 121.8 126.8 156.1 178.0 186.3 180.5 191.5 219.0	Index 1967 = 100 108.3 109.7 115.8 120.7 125.4 137.3 153.8 167.8 175.0 193.0 239.9	Percent 27 26 25 25 27 28 27 26 25 23 23
		Dairy ;	products			Fats a	nd oils	7-81
1968	102.7 106.1 111.3 114.7 116.4 126.6 150.7 154.0 168.5 173.3	Index 1967 = 100 104.0 109.3 113.9 116.2 118.9 135.2 159.3 163.6 185.9 187.2 204.3	Index 1967 = 100 101.7 103.3 109.1 113.4 114.2 119.2 143.3 145.6 153.3 161.3 169.2	Percent 47 48 48 47 48 50 49 49 51 50 51	Index 1967 = 100 96.3 96.4 103.8 113.5 114.9 127.1 192.5 206.8 176.7 192.0 209.6	Index 1967 = 100 89.4 91.4 111.2 128.6 110.2 172.8 324.6 253.8 206.4 249.3 257.4	Index 1967 = 100 99.0 98.4 100.9 107.7 116.7 109.5 141.6 188.7 165.2 169.9 191.1	Percent 26 26 30 32 27 38 47 33 36 34
		Poultry	and eggs			Miscellaneo	ous product	
1968	114.0 108.5 108.9 157.4 152.6 160.9 163.3 162.0	Index 1967 = 100 109.0 125.5 114.2 104.8 106.6 187.4 175.1 186.8 185.3 182.1 193.2	Index 1967 = 100.9 105.2 113.8 112.6 111.4 124.0 127.6 132.1 138.9 139.7 139.0	Percent 55 57 53 51 52 63 60 61 60 59 61	Index 1967 = 100 98.8 102.5 108.5 112.1 114.3 119.8 164.3 191.2 179.1 180.0 193.7	Index 1967=100 103.0 107.4 110.8 118.0 117.9 146.2 299.9 257.6 181.3 163.1 191.5	Index 1967 = 100 98.0 101.7 108.1 111.1 113.7 115.2 140.7 179.7 178.8 182.8 191.0	Percent 16 18 15 16 15 12 27 20 18 14 16

¹Revised to adapt to the expenditure weights and retail price indexes of the new Consumer Price Index for all urban consumers (CPI-U) published by the Bureau of Labor Statistics. The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. ²Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics. ²Gross return or payment to farmers for the farm products equivalent to foods in the market basket. ⁴The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. ⁵Preliminary.

Table 645.—Marketing bill for U.S. farm products: Civilian consumer expenditures, farm value, and marketing bill, 1964-781

Year "	Total marketing bill	Farm value	Civilian expendi- tures for farm foods	Year	Total marketing bill	Farm value	Civilian expendi- tures for farm foods
1964 1965 1966 1967 1967 1968 1969 1970	Billion dollars 52.6 54.0 57.1 61.8 65.1 67.5 73.9 79.3	Billion dollars 24.9 27.1 29.8 28.8 30.4 33.7 34.8 35.4	Billion dollars 77.5 81.1 86.9 90.6 95.5 101.2 108.7 114.7	1972 1973 1974 1974 1975 1976 19772 19778	Billion dollars 79.7 85.4 95.6 109.3 121.2 128.9 140.5	Billion dollars 39.1 51.0 55.7 54.9 57.6 67.5 67.2	Billion dollars 118.6 151.1 164.1 178.1 186.207.1

¹The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Porces or exported.

²Preliminary.

³Estimated.

Economics, Statistics, and Cooperatives Service - Economics.

Table 646.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978

	Season ave	rage price 1		Parity	price 3	
Commodity and unit			197	77	197	78
	1977	19782	Based on data for —	Parity price	Based on data for —	Parity price
Basic commodities:						
Cotton:	Dollars	Dollars		Dollars		Dollars
American upland pound	0.521	0.585	July	0.8410	July	0.9060
Extra-long staple do	.879	.933	July	1.29	July	1.42
Wheatbushel	2.33	2.94	June	5.07	June	5.29
Ricecwt	9.49	7.72	June	14.00	June	15.30
Corn bushel	2.02	2.11	Sept	3.45	Sept	3.74
Peanuts pound	.210	.211	July	.287	July	315
Tobacco	-220		July		July	
Flue-cured, types II-14do	1.176	1.350	June	1.620	June	1.760
Va., fire-cured, type 21do	.963	.945	Nov	1.30	Nov	1.48
KyTenn. fire-cured,types 22 - 23 do	1.323	1.136	Dec	1.39	Dec	1.64
Burley, type 31do	1.200	1.310	Oct	1.66	Oct	1.85
Maryland, type 324 do	1.149	1.245	Mar	1.51	Mar	1.66
Dark air-cured, types 35-36do	1.177	1.008	Nov	1.17	Nov	1.39
Sun-cured, types 33 - 36	1.000	.888	Oct	1.25	Oct	1.43
Sun-cured, type 37do	.600	.620	Oct	.820		.932
Pa. seedleaf, type 41 do	.600	.620	Dec	.820	Dec	.932
Cigar filler and binder, types 42-44,	000	001	0	1.000	0	1.170
54-55 pound	.825	.961	Sept	1.020	Sept	1.040
Puerto Rican filler, type 46do	******	******	Jan	.997	Jan	
Cigar binder, types 51-52 do	1.213	1.449	Oct	1.36	Oct	1.55
Designated nonbasic commodities:						
Tung nutston		(8)	Oct. 6	71.20	Oct. 7	61.60
Milkfat, in cream pound	.920	1.02	Dec.*	1.33	Dec. s	1.31
All milk, sold to plants	9.72	10.60	Dec. 8	12.20	Dec. 8	13.00
Fluid market		10.80	******	******	*****	******
Manufacturing grade	8.70	9.65		******	_ ******	*****
Honey, extracted (wholesale)pound	9,494	.511	Dec. #	.506	Dec. 5	.563
Wool and mohair:					-	
Wool pound	10.720	.745	Dec. s	1.38	Dec. 6	1.37
Mohair	11 2.87	4.59	Dec. *	2.08	Dec. s	2.45

See footnotes at end of table.

Table 646.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978—Continued

	Season ave	rage price 1		Parity	price 3	
Commodity and unit			19	77	June June July July July July July July July July July	78
	1977	19782	Based on data for	Parity price		Parity price
Other nonbasic commodities:						
Field crops and miscellaneous:	Dollars	Dollars		Dollars		Dollars
Barley bushel	1.78	1.90	June	3.01	June	3.26
Beans, dry edible	20.20 70.30	16.30 114.00	July	26.80 143.00	July	29.60 150.00
Crude pine gum harrel	65.46	67.82	Mar	140.00	Mar	102.00
Beans, dry edible cvt Cottonseed ton Crude pine gum barrel Flaxseed bushel Hay, all, baled ton Hops pound Oats bushel	4.54	6.00	June	8.64		9.41
Hay, all, baledton	54.00	50.00	Jan	64.30	Jan	70.60
Hops pound	89.6	90.1	July	1.27	July	1.39
Oats bushel	1.10	1.18	June	1.75	June	1.91
		10.60	July	14.50 14.90	July	16.90 17.00
Peppermint oil pound	8.78	8.44	July	9.37	July	10.90
Potatoes cwt	3.55	3.56	Apr	5.81	Apr	6.23
Potatoes cwt	2.05	1.98	June	2.81	June	3.07
Sorghum grain cwt	3.25	3.46	Sept	5.77		6.21
Soybeansbushel	5.88	6.65	Aug	7.61	Aug	8.76
Spearmint oil pound	12.40	7.46	July	13.80	July	15.50 15.20
Sweetpotatoescwt	10.18	13.25	June	14.00	June	10.20
Cigar wrapper, type 61 pound	6.00	7.50	Dec	8.82	Dec	
Cigar wrapper, type 61 pound do	4.00		Oct	5.95	Oct	6.59
Fruita:	1	10000		41 772 11		1777
Citrus (equiv. on-tree): 12	- 11			1200		
Grapefruitbox	1.49	1.55	Aug	3.14	Aug	3.48
Lemons box	1.66	1.94	Oct	6.12 8.70	Oct	6.31
Limes, Florida box Oranges box	8.60 2.21	15.72 4.31	Oct	3.31	Oct	4.00
Tangelos box .	1.42	3.54	OC	0.01		4.00
Tangerines box	3.86	4.82	Oet	5.69	Oct	6.21
Temples box	2.16	4.29				
Deciduous and other:						
Apples: For all sales pound	.105	.108				
For all sales	.138	.164	June	.165	June	.180
For processing ton .	122.00	114.00	July	133.00	July	151.00
Apricots:	1	111100	000	200.00		101.00
For all sales ton .	210.00	274.00				
For fresh consumption ton .	328.00	505.00	May	543.00	May	826.00
Dried, California (dried basis) ton . For processing (except dried) ton .	. 2,195.00 162.00	2,900.00	June	2,990.00 266.00	June	3,280.00
Avocados ton	566.00	228.00 735.00	July	1,090.00	Sent	1,100.00 1,110.00
Avocados		700.00	оері	2,000.00	oopt	4,110.00
and Oregon):						
Blackberries pound .	. 450	.507	July	.398	July	.48
Boysenberries/youngberries do Gooseberries do	650	.800	July	.463	July	.58
Loganberries do	206	.250	July	.239	July	.26 .53
Raspberries, black do	621	.750	July	.813	July	.91
Raspberries, red do	. 468	711	July	.519	July	.500
Cherries:						
Sweet ton.	496.00	694.00	Apr	742.00	Apr	758.00
Tart	. 294	.438		.268	May	.294
Dates, California 14 ton .	18.10	385.00	Aug	26.00 419.00		26.20 434.00
Figs:	. 330.00	360.00	Aug	419.00	und	434.00
For fresh consumption, California	1				1	
ton .	. 345.00	352.00			******	******
Dried, California (dried basis) ton .	. 780.00	903.00			*****	******
Grapes:	104.00	000.00				
For all sales	. 194.00 840.00	239.00 1,121.00	Ang	892.00	Ang	1.040.00
Grapes, excluding raisin varieties,	040.00	1,121.00	Aug	002.00	walk	1,040.00
dried ton .	. 192.00	235.00	May	226.00	May	253.00
Nectarines (California): 14						
For fresh consumption ton .	. 205.00	316.00	May	370.00		390.00
For processing tom .	(18)	44.10	July	194.00	July	199.00

See footnotes at end of table.

Table 646. —Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978—Continued

	Season ave	rage price 1		Parity	price ⁸	
Commodity and unit			19	77	19	78
= 32 21 0	1977	19782	Based on data for —	Parity price	Based on data for —	Parity Price
Other nonbasic commodities — Continued Fruits — Continued						
Deciduous and other - Continued				- 1		
Olives (California): 14	Dollars	Dollars		Dollars		Dollars
For all sales	403.00 74.00	184.00 15.00	July	90.30	July	100.00
For processing texcept	14.00	10.00	July	90.30	July	100.00
For processing (except crushed)	404.00	183.00	July	664.00	July	678.00
Peaches:	475.00	205.00	July	717.00	July	731.00
For all sales pound	.099	.121				
For all sales pound	.141	.171	Apr	.200	Apr	.23
basis) For processing (except dried): Clingstone 14 Clingstone 15 Freestone ton.	1,670.00	1,619.00	July	1,790.00	July	2,040.00
Clingstone 14ton.	140.00	162.00	June	180.00	June	188.00
Pears:	122.00	122.00	July	185.00	July	198.00
For all saleston For fresh consumption 17ton Dried, California (dried	146.00 194.00	218.00 261.00	May	289.00	May	294.00
basis) ton	1,250.00	2,000.00	Aug	1,830.00	Aug	1.900.00
For processing (except dried) ton		185.00	July	237.00	July	233.00
Persimmons, California ton.	350.00	******	*****	******	******	*****
Plums (equiv. on-tree) (California): For all sales ton	313.00	390.00				
For fresh consumption ton	315.00	397.00				******
For processington	65.80	29.30	******			
For processing ton. Pomegranates, California ton. Prunes, dried (California) ton.	143.00	270.00	*****	******	******	*****
Prunes and plums (excl. Calif.):	499.00	650.00		******	******	******
For fresh consumption tom For processing (except dried) ton Strawberries:	219.00 89.70	188.00 110.00	******	******	******	*****
For fresh consumption pound	389.	.358	Jan	.537	Jan	.56
For processingdo	.224	.188	July	.342	July	.37
Seed crops:		110.00				
Alfalfa	108.00 88.00	117.00 125.00	July	110.00 91.60	July	126.00 105.00
Chewings feacus (Oregon) curt	52.00	57.00	July	57.80	Jan	63.90
Crimson clover	32.00	49.00	Jan	57.30	Jan	58.30
Hairy vetch	120.00	32.00 115.00	Jan	28.20 165.00	Jan	31.80
Lespedeza	69.80	45.00	Jan July	47.10	Jan July	174.00
Merion Kentucky bluegrass cwt	n.a.	n.a.	Jan	148.00	Jan	164.0
Orchardgrass	33.00	39.30	Jan	44.40	Jan	47.70
Red clover	73.50 52.00	67.10 57.00	July	81.30 58.70	July	93.3 65.0
Red fescue	23.00	12.20	Jan	23.80	Jan	26.20
Tall feecue	50.60	43.10	July	28.50	July	38.30
Sugar crops: Maple sirup	10.00	10.00				
Maple strup gallon	12.00 24.20	12.90	July	43.50	July	47.10
Sugarbeets	18.50		July	33.30	July	35.90
Tree nuts:	1					
Almonds pound	687.00	1.400 800.00	July	1,500.00	July	1,630.00
Pacana all nound	.557	.666	July	1.610.00	July	1,175.0
Filberts ton. Pecans, all pound improved do.	.660	.694				
		.610	23.22.2	******		*****
Walnutston	731.00	1,360.00	July	985.00	July	1,040.00
Walnuts ton. Vegetables for fresh market: Artichokes, California 19 cwt. Asparagus cwt.	19.30	27.00	July	25.30	July	26.40
Asparagus	46.90	51.80	Jan	52.20	Jan	57.0
		18.10	Jan	21.76	Jan	24.7
Cabbage cwt. Cantaloups cwt. Carrots cwt. Cauliflower 19 cwt. Celery cwt.	8.91 10.60	8.40	Jan	7.83	Jan	9.2
Carrots	11.30	9.64	Jan	14.30 9.27	Jan	15.2 10.3
Cauliflower 19	19.80	21.20	Dec. 8 Nov. 8	20.40	Dec. 8 Nov. 8	23.5
Celery cwt	8.71	12.30	Dec. 8	10.80	Dec. 8	11.4
Cucumbers	9.93	11.80	Jan	15.30	Jan	16.1

Table 646.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1977 and 1978—Continued

	Season aver	age price 1		Parity	price ³	
Commodity and unit			19	77	Based on data for— Jan	78
	1977	19782	Based on data for —	Parity price		Parity price
Other nonbasic commodities - Continued						
Vegetables for fresh market - Continued	Dollars	Dollars		Dollars		Dollars
Eggplant cwt	11.00	12.90	Jan	17.50	Jan	18.40
Escarole cwt	15.90	20.60	Jan	17.50		19.10
Garlic cwt.	17.00	30.00	Jan	19.50		20.30
Green peppers	18.00	21.70	Jan	24.60		25.60
Honeydew melons cwt.	9.87	9.62	Apr	13.90		14.70
Lettuce	7.52	11.00	Nov.	11.30	Non 8	11.30
Onions	7.71	8.65	Feb	9.98	Pak	11.30
Snap beans	21.00	25.70		29.00		30.60
	16.90	21.50	Jan	25.10		26.40
Spinach cwt.	8.07	8.84	Jan	11.80	Jan	12.40
Sweet corn		19.60			Jan	
Tomatoes	20.60			26.00		27.60
Watermelons cwt.	3.43	3.98	Jan	5.07	Jan	5.32
Vegetables for processing:	*****	****				
Asparagus	638.00	789.00	Jan	796.00		840.00
Beetston.	40.70	39.30	Jan	51.60		55.00
Cabbageton	30.50	31.40	Jan	42.50		45.10
Cucumberston	126.00	130.00	Jan	195.00		201.00
Green peas	206.00	206.00	Jan	256.00	Jan	275.00
Lima beans	343.00	359.00	July	420.00	July	479.00
Snap beans	145.00	145.00	Jan	212.00		220.00
Spinachton	69.00	78.70	Jan	91.70	Jan	96.70
Sweet cornton	49.60	50.30	July	64.10	July	70.80
Tomatoeston	64.10	64.20	Jan	83.60	Jan	87.50
Livestock and livestock products:						
All beef cattle cwt	34.40	48.50	Dec. *	57.30	Dec.8	58.60
Cows cwt	24.30	35.80				
Steers and heifers cwt	37.30	51.70				
Calves cwt	36.90	59.10	Dec.*	67.50	Dec. s	68.30
Beeswax pound	1.58	1.74	July	1.47		1.71
Chickens:	1.00			4.41	1000	****
Excluding broilers, live do	.121	.124				
Broilers, live do	.236	.263			1	
Eggs dozen	.557	.522	Dec.8	.788	Dec I	.813
Hogs	39.40	46.60	Dec.	52.60		55.70
Lambs	51.30	62.70	Dec.*	58.50		62.20
Milk cows 30 head.	504.00	675.00	Dec	36.50	Dec	04.20
Milk, retail 21 quart.	367	388				
Sheep	13.40	21.70	Dec.	16.50	Day 8	17.40
Turkeys, live pound	355	.436	D	483		494
turneys, live pound	.300	.436	Dec."	.463	Dec.	.494

¹Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighting State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

²Preliminary. ² Preliminary.
³ Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products.
⁴ Crop is sold during year following production. 1978 price is average of auction sales through May 4, 1979. Parity prices are for March 1977 and 1978.
⁵ No production since 1972.
⁶ Based on average of 7-season average prices, 1967 - 73.
⁷ Based on average of 6-season average prices, 1968 - 73.
⁸ Previous year.

"Previous year

Previous year.

State annual average prices weighted by production to obtain U.S. averages.

Average local market price for wool sold excluding incentive payment.

Average local market price for mohair sold excluding incentive payment.

Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

Equivalent packinghouse-door returns for Oregon and Washington, equivalent first delivery point returns for California, and prices as sold for other States.

Equivalent per unit returns for bulk fruit at first delivery point.

No nectarines processed in 1977.

Prices for fresh use in Arkansas, California, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, Washington, and West Virginia, and average price for all sales in all other states. all other states.

Trackinghouse-door returns for fresh consumption for Oregon and Washington, equivalent first delivery point returns for California, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

18 Continental United States only.

Description of the U.S. average.

Simple average of States weighted by estimated Jan. 1 head for U.S. average.

Simple average of States weighted by estimated Jan. 1 head for U.S. average.

1. Sold by farmers directly to consumers.

1. A. a. not available.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 647.—Producer prices: Index numbers, by groups of commodities, United States, 1964-78 [1967 = 100]

					•							
Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products 1	Industrial coemodities ²	All commodities
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	94.6 98.7 105.9 100.0 102.5 109.1 111.0 112.9 125.0 187.7 186.7 191.0 192.5 212.7	92.8 96.2 101.9 100.0 103.4 109.7 113.6 115.5 121.8 146.9 174.4 186.0 178.9 186.8	90.3 94.3 103.4 100.0 103.2 108.9 110.3 114.1 131.3 143.1 145.1 148.5 167.8 179.3 200.1	93.7 95.5 97.8 100.0 98.9 100.9 106.2 115.2 118.6 134.3 206.3 245.1 265.6 302.2 322.5	98.3 99.0 99.4 100.0 99.8 99.9 102.2 104.1 110.0 146.8 181.3 187.2 192.8 196.8	95.5 95.9 97.8 100.0 103.4 106.3 109.3 112.4 136.2 159.2 167.6 174.7	95.4 95.9 100.0 113.3 125.3 113.6 127.3 144.3 177.2 183.6 176.9 205.6 236.3 275.9	93.8 96.4 96.8 100.0 102.6 106.5 116.6 118.7 123.5 171.9 185.6 195.9 209.0 227.1	97.4 96.9 98.0 100.0 102.8 104.9 107.5 110.0 111.4 115.2 127.9 139.7 145.6 151.5 160.1	93.9 94.1 97.1 100.0 107.1 113.6 116.7 117.5 121.9 132.8 149.6 163.0 179.8 198.5	95.2 96.4 98.5 100.0 102.5 106.0 110.0 114.1 117.9 125.9 153.8 171.5 182.4 195.1 209.4	94.7 96.6 99.8 100.6 104.1 119.1 134.7 160.1 174.2 183.0 194.2

¹The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967. ³Prior to January 1967, classified as "all commodities other than farm products and processed food."

Economics, Statistics, and Cooperatives Service - Economics.

Compiled from reports of the U.S. Department of Labor. Beginning January 1971, data represent the revised sample and the 1967 weighting pattern; previously reported on a 1967-59 = 100 basis.

Table 648.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1964-781 [1910-14 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market 2	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool ³	Livestock and livestock products	All farm products	Ratio +
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	190 163 185 176 160 154 162 166 192 379 529 426 355 275 336	167 174 181 174 157 167 179 187 181 283 423 400 379 316 320	262 245 215 190 192 173 183 206 245 274 433 348 504 511 465	490 513 552 556 567 594 604 627 685 718 829 907 972 1,060	256 265 293 269 257 249 265 297 329 608 625 529 550 652 608	306 240 246 227 304 228 217 246 312 319 313 300 370 516	320 241 241 222 309 224 214 249 305 303 303 290 363 526	248 262 285 283 305 300 292 322 326 379 403 458 456 499 535	286 305 341 334 356 369 366 421 431 521 509 579 576 659 709	230 293 194 187 195 203 218 202 226 385 543 400 377 363 385	239 230 238 225 225 217 225 242 257 394 504 452 444 432 458	270 315 353 335 346 396 405 407 496 664 553 567 569 564 754	256 260 295 306 322 337 350 359 372 440 510 537 591 594 647	142 144 157 131 139 157 147 134 137 231 214 235 233 228 242	291	236 260 290 275 286 322 325 323 372 502 454 474 485 481 593	237 245 264 250 255 268 274 281 313 447 463 465 457 524	76 76 79 73 73 73 72 69 74 91 85 76 72 66

See footnotes on page 452.

Table 649.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1964-781

[1967 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market 2	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool 3	Livestock and livestock products	All farm products	Ratio 4
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1977 1978	108 93 105 100 91 88 92 95 109 215 300 242 202 156 191	96 100 104 100 90 96 103 108 104 163 243 230 218 181 184	138 129 113 100 101 91 96 108 129 144 228 183 265 270 245	88 92 99 100 102 107 113 123 129 148 162 164 175 191	95 96 109 100 96 93 99 111 122 226 232 197 205 243 226	135 106 109 100 134 101 96 108 117 137 141 138 132 163 227	144 109 109 100 139 101 96 112 121 137 136 137 131 163 237	88 93 101 100 108 106 103 114 115 134 143 162 161 176 189	85 91 102 100 107 110 110 126 129 156 152 173 173 197 212	123 157 103 100 104 109 117 108 121 206 290 214 201 194 206	106 103 106 100 100 97 100 108 114 175 224 201 197 192 203	81 94 105 100 103 119 121 121 148 198 165 169 170 168 225	83 85 96 100 105 109 113 117 121 143 166 175 192 193 210	109 110 120 100 107 122 102 105 176 163 179 178 174 185	131	86 94 106 100 104 117 118 118 136 183 165 172 177 175 216	95 98 106 100 102 107 110 113 125 179 192 185 186 183 210	102 104 107 100 99 100 98 94 100 124 116 103 97 91 96

Index values shown for 1965 through 1976 were revised and published June 1977 using 1971-73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57 for 1959-64 indexes and by average quantities sold during 1971-73 for the 1965-75 indexes.

POOTNOTES FOR TABLE 648

Economics, Statistics, and Cooperatives Service — Crop Reporting Board. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57 for 1959-64 indexes and by average quantities sold during 1971-73 for the 1965-76 indexes. (See table 649 for data on 1967 = 100 basis.)

reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon requires.

² Fresh market for noncitrus, and fresh market and processing for citrus.

³ Due to the decrease in relative importance of wool sales between the previous index base period (1963–57) and the current base period (1971–73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.

⁴ Ratio of Index of Prices Received (1967 = 100) to Index of Prices Paid (1967 = 100).

⁵ Preliminary.

Index values shown for 1965 through 1976 were revised and published June 1977 using 1971-73 weights. Some reordering of sub-indexes was introduced. Revised monthly indexes for January 1965 through May 1977 are available upon request.
 Fresh market for noncitrus, and fresh market and processing for citrus.
 Due to the decrease in relative importance of wool sales between the previous index base period (1963-57) and the current base period (1971-73), wool has no weight in the revised (1965 to present time) Prices Received Index; therefore, revised wool indexes are not available.
 Ratio of Index of Prices Received to the Parity Index.
 Preliminary.

Table 650.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965-19781 [1910-14 = 100]

					-		200,								
			Family	living i	ndexes			Production indexes							
Year	Family living (all com- modi- ties)	Food	Cloth- ing	Hous- ing ²	Autos and auto sup- plies	Med- ical and health care ²	Edu- cation, recrea- tion, and other ²	Production (all commodities)	Feed	Feeder live- stock	Seed	Fer- til- izer	Agri- cul- tural chem- icals		
1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	305 314 320 334 348 363 379 394 426 484 533 563 3 573 616	306 323 322 331 348 368 375 460 531 574 589 (4)	362 375 392 416 442 467 487 559 637 682 739 (4)	323 327 333 345 355 361 376 393 424 496 558 592 (*)	334 338 346 363 377 392 415 425 590 595 639 (1)	307 320 342 363 388 413 440 456 457 513 576 631 (4)	306 315 323 337 352 371 387 401 412 438 474 495 (*)	277 289 290 302 313 328 351 424 481 528 559 626	207 216 213 200 204 216 224 226 342 414 399 408 398 390	348 396 386 402 453 472 483 575 742 570 517 594 611 853	237 234 238 247 252 267 294 321 397 512 582 574 621 650	152 149 147 138 128 129 134 136 246 320 272 286 265	271 274 277 277 278 278 270 274 284 292 329 443 481 407		
Year	Fuels and energy	Farm and motor supplies	Autos and trucks	Trac- tors and self- pro- pelled ma- chin- ery	Other ma- chin- ery	Build- ing and fenc- ing	Farm serv- ices and cash rent ⁵	Prices paid (total com- modi- ties)	In- terest	Taxes	Wage rates 6	Produc- tion, in- terest, taxes, and wage rates	Com- modi- ties, in- terest, taxes, and wage rates?		
1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	174 175 177 178 181 185 190 191 204 281 313 331 357 376	265 265 268 272 279 290 298 305 320 392 450 441 458	457 470 491 525 552 587 645 673 714 793 940 1,043 1,151 1,218	465 487 507 531 564 590 619 651 695 816 990 1,102 1,205 1,315	424 437 455 476 501 526 556 590 633 725 895 1,025 1,120	391 399 405 430 457 458 491 530 594 733 835 871 928 1,001	328 357 396 482 578 621 674 710	288 299 301 306 319 332 347 368 427 485 533 564 591 638	387 435 486 545 607 651 693 758 895 1,085 1,277 1,456 1,651 1,929	740 795 849 932 1,020 1,095 1,158 1,206 1,306 1,306 1,408 1,513 1,667 1,756	728 785 847 919 1,011 1,083 1,139 1,205 1,314 1,506 1,627 1,781 1,915 2,063	335 351 356 364 381 397 416 445 530 903 707 741 805	322 335 341 349 366 382 399 424 490 567 612 652 687 744		

¹ Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

Bassed on Consumer Price Indexes of Bureau of Labor Statistics.

Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

Discontinued.

New index; values for years prior to 1971 are not available.

Simple average of seasonally adjusted quarterly indexes.

Simple average of seasonally adjusted quarterly indexes.

Interest, Tases, and Wage Rates expressed on the 1910-14 = 100 base.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 651.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965–781 [1967 = 100]

						1507 =	100]						
			Family	y living i	indexes				1	roductio	n index		
Year	Family living (all commodities)	Food	Cloth- ing	Housing	Autos and auto sup- plies	Medical and health care ³	Edu- cation, recrea- tion, and other ³	Pro- duc- tion (all com- modi- ties)	Feed	Feeder live- stock	Seed	Fer- til- izer	Agri- cul- tural chem- icals
1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	95 98 100 104 109 114 118 123 133 151 166 176 3 181 194	95 100 100 103 108 114 116 123 143 165 178 183 (4)	92 96 100 106 112 119 124 131 143 162 174 188 (4)	97 98 100 104 107 109 113 118 127 149 168 178 (4)	97 98 100 105 109 113 120 124 130 153 172 184 (4)	89 93 100 106 113 120 128 132 137 149 167 184 (4)	95 97 100 104 109 115 120 124 127 135 147 153 (*)	96 100 100 100 104 108 113 121 146 166 182 193 200 216	97 101 100 94 96 101 105 106 180 194 187 191 186	90 103 100 104 117 122 125 149 192 148 134 154 154 221	100 98 100 104 106 112 124 135 167 215 245 241 261 273	103 102 100 94 87 88 91 91 102 167 217 185 181 180	98 99 100 101 100 98 100 103 119 160 174 157
	Production indexes — Continued												C
Year	Fuels and energy	Farm and motor sup- plies	Autos and trucks	Trac- tors and self- pro- pelled ma- chin- ery	Other ma- chin- ery	Build- ing and fenc- ing	Farm serv- ices and cash rent ⁵	Prices paid (total com- modi- ties)	In- terest	Taxes	Wage rates ⁶	Pro- duc- tion, in- terest, taxes, and wage rates	Com- modi- ties, in- terest, taxes, and wage rates
1965 1966 1967 1968 1968 1970 1970 1971 1972 1973 1974 1975 1976 1977 1978	98 98 100 101 102 104 107 108 116 159 177 187 202 212	99 99 100 102 104 108 111 114 127 168 164 165 171	93 96 100 107 112 120 131 137 145 161 191 212 234 248	92 96 100 104 111 116 122 128 137 161 195 217 238 259	93 96 100 104 110 116 122 130 139 159 197 225 246 266	97 99 100 106 113 113 121 131 147 181 206 215 229 248	113 123 136 166 199 214 232 245	96 99 100 102 106 110 115 122 142 161 177 187 196 212	79 90 100 112 125 134 142 156 184 223 262 299 339 396	87 94 100 110 120 129 136 142 145 154 166 178 195 207	86 93 100 108 119 128 134 142 155 178 192 210 226 242	94 99 100 102 107 112 117 125 149 169 186 198 208 226	944 995 100 1006 112 118 122 144 186 180 192 202 219

¹ Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965-April 1975 are available upon request.

² Based on Consumer Price Indexes of Bureau of Labor Statistics.

³ Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

⁴ Discontinued.

⁵ New index; values for years prior to 1971 are not available.

⁶ Simple average of seasonally adjusted quarterly indexes.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 652.—Prices paid by farmers: Prices, by commodities, United States, 1967 and $1975-78^{12}\,$

Commodity and unit	1967	1975	1976	1977	1978
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet: Pine, Standard and better ³	Dollars	Dollars	Dollars	Dollars	Dollars
Pine, Standard and better	135.00 112.00	232.00 186.00	265.00	307.00	353.00
Fir. Standard and better3	150.00	273.00	305.00	346.00	393.00
Fir, Standard and better ³ Fir, Utility ⁴	115.00	202.00			
Boards, per 1,000 board feet: Rough, for farm fences and construction 5	139.00	312.00	339.00	371.00	401.00
Rough , under No. 26	113.00	246.00		371.00	401.00
Rough, for farm fences and construction. Rough under No. 2. Dressed, 1-inch, S4S, standard and better or No. 2. and better		120	and and		******
Dressed, under No. 24	169.00 124.00	378.00 260.00	407.00	436.00	504.00
Dressed, under No. 2° Shiplap, pine, per 1,000 board feet: Standard and better or No. 2 and better	124.00	260.00			
Standard and better or No. 2 and better	142.00	310.00	329.00		******
Under No. 24	121.00	255.00		******	******
Drop-siding, per 1,000 board feet: Pine, C and better Pire, C Select and better Bevel-siding per 1,000 board feet, cedar, clear VG	207.00	436.00	467.00	522.00	
Fir, C Select and better	262.00	590.00			
Bevel-siding per 1,000 board feet, cedar, clear VG	215.00	546.00			
Flooring per 1 000 board feet:	215.00	546.00			
Heart Flooring, per 1,000 board feet: Yellow pine, B and better Fir, V G, C Select Oak Select Oak No. 1	228.00	512.00	543.00	556.00	
Fir, V G, B and better	317.00	775.00			
Oak Select	242.00 294.00	724.00 562.00	592.00	656.00	
Oak No. 1	254.00	476.00			
Shingles, wood, cegar, 16 inches, per square	17.80	49.60	******	*******	******
Doors flush, hollow-core, each	8.74 24.20	13.70 39.70	15.00 44.70	16.20 48.70	******
Nails, 8d, common, per pound	.180	.483	.481	.487	.502
Nails, 8d, common, per pound Screen wire, galvanized, 16-mesh, 30-inch width, per					
linear loot	13.30	30.30	31.10	32.10	34.20
Roofing, galvanized steel, per 100 square feet Roofing, composition, per roll	4.19	9.46	31.10		34.20
Asbestos siding shingles, per square Gypsum board, % inch, per 1,000 square feet Shingles, asphalt, per square Insulating sheathing, (asphalt-treated) regular density, *i-inch, per 1,000 square feet	22.20	37.20 77.30 20.20	40.10	45.30	
Gypsum board, % inch, per 1,000 square feet	59.80 9.33	77.30	80.20 20.80	92.20 21.70	23.70
Insulating sheathing (asphalt-treated) regular den-	9.33	20.20	20.80	21.70	23.70
sity, 1/4-inch, per 1,000 square feet 7	89.00	92.60	101.00	110.00	126.00
Bricks, common, per 1,000 Drainage tile, 4-inch:	63.20	109.00	122.00	134.00	
Clay, per foot	.154	.288			
Concrete, per foot	.153	.268	.289		
Concrete blocks, per 100	27.10	47.00	50.10	54.90	60.60
Point house exterior per callon	1.61 6.63	3.13 10.80	3.42 11.60	3.67 12.20	12.60
Paint, house, exterior, per gailon Barbed wire, 2-point, per spool of 80 rods Barbed wire, 4-point, per spool of 80 rods Posts, wood, line fence, each	10.00	28.50	26.90	27.00	27.70
Barbed wire, 4-point, per spool of 80 rods	11.10	31.90	29.90	30.00	30.60
Posts, wood, line fence, each	1.16	1.89 2.37	2.03	2.06	2.24
Staples fence per pound	.199	.499	.506	.526	.546
Woven wire fencing, 32-inch, per 20-rod roll	24.00	54.00	53.40	56.40	60.00
Woven wire fencing, 32-inch, per 20-rod roll Iron pipe, galvanized, 1¼-inch, I.D., per foot s Plastic tubing, 1-inch, I.D., per foot s	.472	1.21	1.22	1.28	1.35
Fuels and energy:	.201	.204	.404	.200	-04.4
Puels and energy: Fuel, per gallon: Diesel fuel					400
Diesel fuel	.168	.391 .553	.416 .583	.610	.462
Gasoline, service station, unleaded regular 10	.282	.498	.537	.569	.597
Furnace or fuel oil L. P. gas, bulk delivery 12	.166	.378	.406	.462	.483
L. P. gas, bulk delivery 12	.145	.304	.331	.389	.404
L. P. gas, bulk delivery 12 Kerosene Electricity, per kilowatt hour Motor supplies: 38 th. seil	.0217	.0307	.446	.0368	.039
Motor supplies:					
	8.12	13.60	13.90	15.20	16.80
Motor oil, per gallon: All weather, high detergent	1.92	2.92	2.93	2.95	3.11
Heavy duty, detergent	1.61	2.54	2.53	2.56	2.70
Heavy duty, detergent	1.27	2.11	2.13	2.17	2.31
Spark plugs, each Storage batteries, CPR 220-310 amps, each 13	21.50	1.25 34.20	1.32 35.20	1.39 37.00	1.44 39.50
Tires:			00.20	07.00	30.00
Auto tires, convent., F78-15, 4 ply-tubeless, each 14 Auto tires, bias-belted const., G78-15, tubeless,	22.40	31.70	*****	******	******
Auto tires, bias-belted const., G78-15, tubeless,		39.80	40.30	43.00	43.40
each	1	39.00	40.30	40.00	40.40
tubeless, each		62.80	63.20	66.00	66.40
Truck tires, 7.50 ×20, 10-ply, each	63.70	78.70	81.80	87.00	90.10

Table 652.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1975-7813—Continued

Commodity and unit	1967	1975	1976	1977	1978
Motor vehicles:				-	
Autos, 4-door sedans:	Dollars	Dollars	Dollars	Dollars	Dollars
Compact 16				5,220.00	5,460.00
Intermediate size 18		4,950.00 5,380.00 5,640.00	5,310.00 5,750.00	5,720.00	6,170.00
Low-priced standard size 17	3,170.00	5,380.00	6,040.00	5,940.00 6,350.00	
Medium-priced standard size 18 Standard 19	******	5,640.00	6,040.00	6.540.00	6,870.00
Trucks:				0,040.00	0,010.00
2-ton, cab and chassis, each 30	3,620.00	7,330.00	8,410.00	9,180.00	10,500.00
%-ton pickup ²³	2,350.00	4,970.00	5,400.00	5,800.00	6,310.00
Tractors:	3,700.00	0.100.00	0.000.00	7.000.00	W 000 00
Wheel, 30-39 maximum P.T.O. horsepower, each Wheel, 50-59 maximum P.T.O. horsepower, each Wheel, 90-99 maximum P.T.O. horsepower, each	5,440.00	6,180.00 8,700.00	6,570.00	7,070.00	7,690.00
Wheel, 90-99 maximum P.T.O. horsepower, each .	0,440.00	16,600.00	9,260.00 17,300.00	19,000.00	10,010.00
Farm machinery:			7.335		
Plows, moldboard, 2-bottom, each	362.00	677.00	722.00	******	*******
Plows, moldboard, 3-bottom, each Plows, moldboard, 5-bottom, each	606.00	1,270.00 3,040.00	1,450.00 3,410.00	1,660.00 3,800.00	1,620.00
Disk harrows tandem 16-ft each		3,630.00	4,170.00	4,660.00	4,110.00 5,030.00
Disk harrows, tandem 16-ft., each		1,710.00	1,910.00	4,000.00	
Spiketooth harrows, steelbar, one section	52.60	103.00	119.00		
Cultivators, 4-row, tractor, each	840.00	1,520.00	1,640.00 3,390.00	1,760.00	1,850.00
Corn planters, 4-row, plain, each	878.00	2,890.00 2,350.00	3,390.00 2,790.00	3,690.00	4,030.00
Grain drills, tractor-drawn, 16-tube, plain, each Grain drills, tractor-drawn, 19-tube, plain, each 22 .	900.00	3,140.00	2,790.00	3,060.00	3,250.00
Mowers, tractor, 7-ft., each	568.00	1.040.00	1.150.00	1.230.00	1.330.00
Mowers, tractor, 7-ft., each Pick-up balers, automatic tie, P.T.O., each 33	2,070.00	1,040.00 3,920.00	4,320.00	4,590.00	4,980.00
Combines, self-propelled:				******	
Small capacity, each	7,050.00	20,900.00	24,800.00 31,700.00 41,900.00	27,100.00	30,800.00
Lawre caracity, each	9,840.00	27,800.00 36,400.00	41,000.00	35,400.00 45,600.00	39,300.00 51,500.00
Medium capacity, each Large capacity, each Corn picker-huskers, 2-row, each	3,280.00	6,670.00	7,220.00	7,600.00	8,310.00
Hammer mills, each	323.00	558.00	1,220.00	1,000.00	0,020.00
Single milker units, each	157.00	280.00			
Farm wagons, without box and tires, each	210.00	480.00	521.00	606.00	682.00
Power sprayers, boom type, tr. mtd., each	342.00 61.40	912.00	1,050.00	1,110.00	1,270.00
Gas engines, 3-horsepower, each	61.40	38.60	41.40	45.50	49.80
Farm supplies:		00.00	41.40	40.00	*******
Axes, single bit. with handle, each 35	6.36	11.90	12.00		
Hammers, nail, 16 oz. head, with handle, each	4.11	7.11	7.56	8.04	8.60
Pitchfork, 3-tine, each Pitchfork, 4-tine, each	4.96 5.67	9.00	9.63	11.20	12.4
Hoes, 7-inch blade, each	2.90	5.48	5.96	6.32	6.80
Milk pails, 12 quarts, each Rope, manila, %-inch, per 100 feet **	2.72	4.54	4.83	4.85	5.10
Rope, manila, 1/2-inch, per 100 feet 38	.890	1.66	1.77	18.20	18.80
Binder twine, per pound Baler twine, per 40-pound bale	.264	31.70	.729	*******	
New baskets round stave bushel with cover per	8.80	31.70	15.50	14.50	14.8
dozen	5.83	10.60	11.10	11.40	12.5
dozen Lead arsenate, per pound Farm services:	.368	.575	.588		
Farm services:					
Telephone, per month	5.15	7.87	9.00	9.62	10.4
Mixed fertilizer:					
0 - 20 - 20 per ten	65.60	134.00	119.00	118.00	121.00
3-9-9, per ton	60.10	128.00	119.00	116.00	117.00
3-9-9, per ton 4-8-12, per ton 4-12-12, per ton 5-10-10, per ton 5-10-15, per ton	55.00	129.00	116.00	117.00	117.00
4-12-12, per ton	43.00	107.00	94.30 98.60	99.50	98.86
5-10-15, per ton	51.40 45.80	110.00	95.50	100.00	100.0
	74.20	153.00	128.00	128.00	128.0
6-24-24, per ton	85.00	172.00	145.00	145.00	148.00
6-24-24, per ton 10-10-10, per ton 12-12-12, per ton	62.60	128.00	112.00	112.00	111.0
12-12-12, per ton	70.40 108.00	149.00 240.00	123.00	127.00	129.0 186.0
18-46-0, per ton Nitrate of soda, per ton	60.10	195.00	183.00 152.00	184.00 147.00	146.0
	54.80	137.00	96.50	102.00	111.0
Ammonium nitrate, per ton	73.70	171.00	136.00	143.00	138.0
Superphosphate, 20% P2Os, per ton	42.10	111.00	95.20	102.00	106.0
Ammonium nitrate, per ton Superphosphate, 20% P 2 O 3, per ton Superphosphate, 46% P 2 O 3, per ton Superphosphate, 44 - 46% P 2 O 3, per ton Superphosphate, 46 - 46% P 2 O 3, per ton	82.20	197.00	152.00	148.00	******
Phosphate rock, per ton	22.00	48.60			152.0
	80.20	187.00	158.00	153.00	156.0
Ammonium phosphate, 16-20, per ton Muriate of potash, 60% K 2O, per ton	52.20	98.20	95.10	95.30	98.2
Agricultural limestone, spread on field, per ton	5.18	8.96	9.00	9.97	10.5

See footnotes at end of table.

Table 652.—Prices paid by farmers: Prices, by commodities, United States, 1967 and 1975-7812—Continued

Commodity and unit	1967	1975	1976	1977	1978
ivestock					and the
Feeders and stockers:	Dollars	Dollars	Dollars	Dollars	Dollars
Cattle and calves, per 100 pounds	24.60	29.60	35.80	37.00	54.60
Lambs, per 100 pounds	21.30	41.90			
Pigs (40-60 lbs. av.), per 100 pounds	33.50	89.80	78.30	76.50	99.60
Baby chicks, straight run, per 100	11.40	14.50	15.60	16.00	16.30
Turkey poults, each	.557	.703	.701	.727	.73
eed:					
Alfalfa hay, baled, per ton	34.10	66.20	72.20	74.20	- CO. C
Other hay, baled, per ton	32.30	56.10	61.20	60.30	
Cottonseed meal, 41% per 100 pounds	5.35	9.09	10.50	11.40	10.70
Soybean meal, 44% per 100 pounds	5.36	8.87	10.70	12.90	11.70
Tankage, per 100 pounds	6.31	10.50	20.10	12.00	**
Bran, per 100 pounds	3.62	7.28	7.52	7.50	7.37
Middlings, per 100 pounds	3.72	7.14	7.40	7.37	7.30
Mill run, per 100 pounds	3.33	7.01	1,40	1.07	1.00
Mill run, per 100 pounds	3.42	7.07	6.74	5.74	5.86
Hominy feed, per 100 pounds	3.50	6.55	0.14	0.14	0.00
Laver feed, per ton 17	86.00	147.00	151.00	152.00	152.00
Broiler grower per ton T	93.00	163.00	168.00	171.00	169.00
Broiler grower, per ton 27 Chick starter, per ton 27	97.00	166.00	173.00	175.00	174.00
Dairy feed:	91.00	100.00	173.00	170.00	174.00
14 percent protein, per ton	69.00	133.00	135.00	133.00	129.00
14 percent protein, per ton	75.00	135.00	141.00	140.00	138.00
16 percent protein, per ton	77.00	138.00	141.00	140.00	149.00
20 percent protein, per ton	82.00	142.00	******		150.00
32 percent protein, per ton	02.00	173.00	192.00	208.00	203.00
40 percent and over protein, per ton	******	190.00	192.00	208.00	203.00
Stock salt, per 100 pounds	1.70	2.85	3.10	3.51	3.86
bods:	1.70	2.00	3.10	3.91	3.86
Barley, per bushel	2.01	5.48	5.02	4.45	4.40
Corn, hybrid, per bushel	12.90	36.50	36.50	40.00	43.00
Oats, per bushel	1.61	4.20	3.58	3.65	3.15
Potatoes, per 100 pounds	3.38	5.30	7.40	5.63	5.00
Rye, per bushel	2.48	5.90	6.00	5.20	4.90
Soybeans, per bushel	4.40	10.50	7.40	13.00	11.50
	2.73				
Wheat, per bushel		6.90	6.25	4.80	5.50
Grain sorghum, hybrid, per 100 pounds Alfalfa, uncertified, per 100 pounds	19.20	36.50	37.50	41.00	43.00
Alfalfa, uncertified, per 100 pounds	50.60	111.00	110.00	156.00	166.00
Alfalfa, certified, per 100 pounds	60.20	136.00	130.00	180.00	192.00
Alsike clover, per 100 pounds	32.50	66.00	67.00	88.80	65.50
Red clover, per 100 pounds	40.30	103.00	95.00	109.00	124.00
Sweetclover, per 100 pounds	17.20	35.00	36.00	38.50	39.00
Lespedeza, Korean, per 100 pounds	22.40	59.50	48.00	62.50	74.00
Sudangrass, per 100 pounds	13.20	27.30	28.00	34.50	32.00
Timothy, per 100 pounds	22.30	47.00	43.00	67.50	111.00

¹ Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns

¹Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

²Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

³No. 2 and better prior to 1971.

⁴Under No. 2 prior to 1971.

⁵Standard and better, or No. 2 and better, 1-inch, random widths prior to 1978.

⁶Includes "utility" and "economy.

⁷"Interior insulating board" prior to 1969; "Insulating sheathing (asphalt treated)," 1969–75.

⁸"Iron pipe, galvanized, 14-inch diameter" prior to 1976.

⁹"Plastic tubing, 1-inch, per foot" prior to 1976.

⁹"Gasoline, regular, service station" prior to 1978.

¹⁰"Gasoline, regular, service station" prior to 1978.

¹¹"Gasoline, regular, bulk delivery" prior to 1978.

¹²Prior to 1977, based on annual survey made in July and August, reporting data for most recent bill, usually purchased during April, May, or June.

¹⁵Ap lates, 12-volt prior to 1977.

¹⁶7.75/7.50-14 prior to 1970; 7.75-15, 1970-72.

¹⁶Current coverage includes Chevrolet Mosla, Ford LTD LI, and Plymouth Fury.

¹⁶Current coverage includes Chevrolet Malibu Classic, Ford LTD LI, and Plymouth Fury.

¹⁶Current coverage includes Chevrolet Impala, Ford LTD, and Plymouth Gran Fury Brougham.

¹⁸Current coverage includes Chevrolet Impala, Ford LTD and Plymouth Gran Fury Brougham.

¹⁹Current coverage includes Chevrolet Impala, Ford LTD and Buick LeSabre Limited.

²⁰Current coverage includes Ford, Chevrolet, and Dodge, also included International prior to 1976. Size was 1/24on prior to 1974.

²¹Curent coverage includes Ford, Chevrolet, and Dodge, also included International prior to 1976. Size was 1/24on prior to 1974. 1974

974.

"20-tube prior to 1969

"Conventional size bales, under 200 lbs." added in 1976.

"Axes, with handle, each" prior to 1976.

"Hammers, nail, with handle, each" prior to 1976.

"Rope, manila, per pound" prior to 1977.

"Specifications call for "complete feed."

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 653. - Agricultural commodity support

Commodity and unit	1964	1968	1966	1967	1968	1969	1970
MANDATORY S							
Basic commodities:			1				
Corn:	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Support level 4 bushel	1.25	1.25	1.30	1.35	1.35	1.35	1.35
Loan rate	1.10	1.05	1.00	1.05	1.06	1.05	1.06
Cotton:					-		
American upland:			Carrier 1	1000			
Support level 4 pound	.3350	.3335	.3042	.3178	.3249	.3498	.3700
Loan rate? do	.3000	.2900	.2100	.2025	.2025	.2025	.2028
Extra-long staple: Support level 4		100	1000	20.00			-
Support level 4 do	.4925	.4925	.4925	.4700	.4869	.4888	.4971
Loan rate do	.4925	.4925	.4925	.4700	.4000	.4000	.4060
Peanuts do	.112	.112	.1135	.1135	.1201	.1238	.1270
Rice:					1		
Support level 4		******			*****		****
Loan ratedo	4.71	4.50	4.50	4.55	4.60	4.72	4.86
Wheat:			100				
Support level 4 bushel	2.00	2.00	2.57	2.61	2.63	2.77	2.82
Loan rate do	1.30	1.25	1.25	1.25	1.25	1.25	1.25
Tobacco:			1				
Flue-cured, types 11-14 pound	.572	.577	.588	.599	.616	.638	.666
Fire-cured, types 21-23 do	.400	.404	.411	.419	.431	.446	.486
Fire-cured, types 21-23 do Burley, type 31 do	.589	.595	.606	.618	.635	.658	.686
Marvland, type 32 do	.523	.528					
Dark air-cured, types 35-36 do Virginia sun-cured, type 37 do	.355	.359	.366	.373	.383	.397	414
Virginia sun-cured, type 37 do	.355	.359	.366	.373	.383	.397	.414
Cigar filler, Puerto Rican, type					1000	1000	1000
Cigar filler, Puerto Rican, type	306	.309	.315	.321	.330	.342	.356
Cigar binder, types 51-52 do Ohio-Miami filler, types 42 44 do	.408	.412	.420	.428	.440	.455	.475
Ohio-Miami filler.types 42 44 do	.295	.297	.303	.309	.317	.329	.343
Nonhagic commodities:		-				-	
Butterfatdo	.580	.594	.680	.680	.680	.686	.715
Milk for manufacturing cwt	3.15	3.24	4.00	4.00	4.28	4.28	4.66
Honey, wholesale, extracted pound	.112	.112	.114	.125	.125	.130	.130
Mohair do	.72	.72	.758	.764	.774	.774	.802
Tung nuts ton	63.34	63.34	63.34	63.34	64.22	68.25	70.85
Wool pound	.62	.62	.65	.66	.67	.69	.72
Barley: 10							
Support level 4 bushel	.96	.96	1.00	.90	.90	1.03	1.03
Loan rate do	.84	.80	.80	.90	.90	.83	.83
	1.00				-		
Sorghum grain: 10 Support level 4	2.00	2.00	2.05	2.14	2.14	2.14	2.14
Loan rate	1.77	1.65	1.52	1.61	1.62	1.61	1.61
Onts 10 bushel	.65	.60	.60	.63	.63	.63	.63
Rye 10 do	1.07	1.02	1.02	1.02	1.02	1.02	1.02
	1.01	1.02	2.02	1.02	1.00	2.02	2.00
NONMANDATORY							
Nonhasic Commodities							
Beans, dry edible cwt	6.32	6.32	6.33	6.37	6.38	6.30	6.40
Cottonseed 13 ton	44.00	43.00	48.00	48.00	48.00	37.00	37.00
Flazseed bushel	2.90	2.90	2.90	2.90	2.90	2.75	2.50
Soybeans	2.95	2.90	2.50	2.50	2.50	2.75	2.25
DOYUGES	4.20	4.40	4.00	2.00	2.00	2.20	4.40

¹National averages during the marketing years for the individual crops, beginning in the years shown.

²Support level for 1974, 1975, 1976, 1977, 1978, and 1979 represents the statutory established price (the so-called target price) except for extra-long staple cotton.

²Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

⁴Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

⁸Preliminary.

⁸1-inch middling.

prices per unit, United States, 1964-791

1971	1972	1973	1974*	19751	19761	19773	19781	19793
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1.35	1.41	1.64	1.38	1.38	1.57	2.00	2.10	52.20
1.05	1.05	1.05	1.10	1.10	1.50	2.00	2.00	2.00
.3500	.3585	.4152	.3800	.3800	.4320	.4780	.8200	.577
.1950	.1950	.1950	.2526	.3427	.3712	.4258	.4800	
.5109	.5135	.5421	.6058	.7410	.7475	.7670	.8320	.929
.3840	.3850	.3820	.4972	.6774	.7324	.7670	.8320	.929
.1342	.1425	.1642	.1830	.1972	.2070	.2153	.2100	.210
5.07	5.27	6.07	7.34	8.52	8.25 6.19	8.25 6.19	8.57 6.40	*9.05 6.79
2.93	3.02	3.39	2.05	2.05	2.29	*2.90	3.40	3.40
1.25	1.25	1.25	1.37	1.37	2.25	2.25	2.35	2.35
.694	.727	.766	.833	.932	1.060	1.138	1.210	1.293
.485	.508	.535	.582	.652	.741	.795	.846	.904
.715	.749	.789	.858	.961	1.093	1.173	1.247	1.333
.431	.452	.476	.518	.580	.659	.707	.752	.804
.431	.452	.476	.518	.580	.659	.707	.752	
.371	.389	.410	.446	.499	.567	.609	.647	.690
.495	.519	.546	.594	.665	.756	.812	.863	.921
.358	.375	.395	.429	.480	.546	.586	.623	.667
(*) 4.93 .140 .802 73.45 .72	4.93 .140 .802 74.74	5.29 .161 .802 74.75	6.57 .206 .802 80.60	7.24 .255 .802 79.95	8.13 .294 .802 80.00	9.00 .327 1.498	9.87 .368 1.647	10.76 .43 1.94
11,81	1.10	1.27	1.13	1.13	1.28 1.22	1.39	2.25 1.63	*2.40 1.63
2.21	2.39	2.61	2.34	2.34	2.66	2.89	4.07	*4.11
1.73	1.79	1.79	1.88	1.88	2.55	2.70	3.39	3.39
.54	.54	.54	.54	.54	.72	1.03	1.03	*1.03
.89	.89	.89	.89	.89	1.20	1.70	1.70	1.70
6.40 (12) 2.50 2.25	6.40 (12) 2.50 2.25	6.40 (12) 2.50 2.25	6.40 (12) 2.50 2.25	(B) (B) (B)	(13) (12) (13) 2.50	(19) (19) (19) (19) 3.50	(19) (19) 4.50 4.50	(12) (12) 4.50 4.50

Agricultural Stabilization and Conservation Service.

⁷Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

*Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

*Suspended since 1971.

*Grade No. 2 or better except for oats which is Grade No. 3.

*Payment rate dropped; support level and loan rate are the same.

*IN osupport program.

*For ginners' purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal auditor costs.

Table 654. - Farm income: Gross and net income from farming, United States, 1964-78

ome of	farm operators	1967 dollars	Million dollars 11.234 14.382 14.382 11.825 12.108 12.108 14.806 17.691 17.691 16.183
Net inc	farm op	Current	Million dollary 10,482 12,890 12,890 14,151 14,151 14,153 18,685 18,682 18,683 18,683 18,683 18,683 18,683
	Produc	tion	Million dollars 31,812
		Total	Million dollars dollars dollars 42.304 66.5468 66.5408 66.408 66.408 66.408 66.408 66.408 66.408 66.300 70.308 110.308
		Total	Million dollars dollars 4.721 8.756 4.536 4.316 6.339
	m income	Change in inventory	Million dollars 1-817 1-83 657 657 1-84 124 124 124 124 124 124 124 124 124 12
	Nonmoney and other farm incom	Other farm income	Million dollars dollars dollars 336 336 336 336 336 336 336 336 336 33
Gross income	Nonmoney	Imputed	Million dollary 2,443 2,443 2,599 2,599 3,016 3,016 3,474 3,474 3,473 4,487 4,487 4,487 4,7,151
		Home con- sumption	Million dollars 835 835 821 821 736 731 731 731 731 731 731 731 731 731 731
		Total	Million dollars 38,507 41,828 41,828 41,828 51,286 51,286 56,004 68,151
	Cash receipts	Govern- ment payments	Million dollars 2-181 2-462 3-2453 3-2453 3-2453 3-2453 3-2453 3-2453 3-2453 3-245 3-2453 3-245
		Farm market- ings	Million dollars 37,326 39,326 39,326 45,435 44,183 44,183 44,183 44,183 50,539
		Year	
			1964 1966 1966 1966 1970 1972 1973 1974 1976

Economics, Statistics, and Cooperatives Service - Economics.

1 Preliminary.

Table 655.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1964-78

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkey and other poultry	Wool	Other livestock and products ²	Total livestock and products
1964 1965 1966 1967 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976 1976 1977	Million dollars 7,785 8,942 10,430 10,550 11,264 12,572 13,633 16,043 18,246 22,410 17,819 17,524 19,302 20,222 28,109	Million dollars 3,034 3,607 4,169 3,809 3,795 4,742 4,508 4,153 5,376 7,604 6,975 7,883 7,261 7,230 8,801	Million dollars 318 329 333 302 315 343 339 350 370 385 392 391 462	Million dollars 5,027 5,038 5,533 5,742 5,957 6,196 6,811 7,135 8,080 9,445 9,923 11,428 11,752 12,724	Million dollars 1,770 1,785 2,106 1,765 1,893 2,212 2,110 1,794 1,820 2,975 2,881 2,814 3,136 2,918 2,963	Million dollars 1,156 1,304 1,471 1,314 1,415 1,563 1,752 2,906 2,568 3,063 3,058 3,239 3,854	Million dollars 454 454 568 543 459 530 576 586 633 1,054 800 933 968 1,066 1,334	dollars 113 195 101 101 75 72 70 70 70 70 70 70 70 70 70 70 70 70 70	dollars 290 292 314	Million dollars 19,948 21,896 25,022 24,383 25,487 29,563 30,583 35,670 45,936 43,056 44,135 58,991
Year	Food grains	Feed crops	Cotte	and bear	ring To	bacco ar	ruits d tree nuts	Vege- tables 4	Other crops 8	Total crops
1964	Million dollars 1,993 2,042 2,373 2,361 2,068 2,215 2,542 2,485 3,498 7,194 8,511 7,760 6,896 6,041 5,927	Million dollars 3,444 3,693 4,334 4,394 4,311 4,577 5,100 5,522 5,856 10,600 13,956 12,156 13,077 11,888 10,877	dollar	rs doli 21 2 2 330 2 888 2 95 2 116 2 864 3 854 3 87 3 154 7 998 7 111 7 7,776 9	lion Mars de		fillion ollars 1,801 1,650 1,747 1,817 2,043 2,171 2,557 3,444 3,435 3,525 3,646 4,341 5,451	Million dollars 2,314 2,618 2,612 2,680 2,893 2,842 2,814 3,011 5,329 5,350 5,242 5,659 6,083	Million dollars 1,744 1,787 1,841 1,902 2,027 2,340 2,648 3,590 4,901 4,626 4,617 4,958 5,754	Million dollars 17,475 18,405 18,433 18,699 19,600 20,976 22,277 41,133 51,096 48,222 52,051

Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.
Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.
Preliminary.
Includes melons.
Sugar, crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seeds, and flax fiber.

Table 656.—Farm income: Cash receipts from farming and value of home consumption, by States, 1978 (preliminary)

		Cash r	eceipts from	farming		Value of	home consu	mption 1	Cash
State	Fa	rm marketi	ngs	Govern-					from farming
	Livestock and products	Crops	Total	ment pay- ments	Total	Livestock and products	Crops	Total	and value of home consump- tion
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
la	1,189,130	706,182	1,895,312	31,734	1,927,046	30,203	15,381	45,584	1,972,63
laska	4,239	7,582	11,821	192	12,013	450	89	539	12,58
riz	717,888	753,331	1,471,219 2,678,011	9,172	1,480,391 2,702,502	4,694 19,922	6,153	10,847 31,589	1,491,23 2,734,09
rk	1,399,120 3,414,135	1,278,891 6,954,451	10.368.586	24,491 56,760	10.425,346	34,715	6,145	40,860	10.466.20
alif	2,074,248	560,481	2.634.729	80,422	2,715,151	12,721	912	13,633	2,728,78
onn	140,494	89,504	229,998	425	230,423	2,235	1,596	3.831	234 25
lel	218,027	101,785	319,812	3,435	323,247	1,194	262	1,456	324,70
la	855,763	2,382,628	3,238,391	10,311	3,248,702	10,278	6,664	16,942	3,265,64
ia	1,467,764	1,075,540	2,543,304	55,014	2,598,318	19,486	16,631	36,117	2,634,43
lawaii .	72,571	307,792	380,363	799	381.162	2,006	0	2,006	383,16
daho	618,233	815,413	1,433,646	63,499	1,497,145	11,932	2,152	14,084	1,511,22
11	2,138,712	3,984,554	6,123,266	102,775	6,226,041	26,618	7,821	34,439	6,260,41
nd	1,556,721	1,921,466	3,478,187	53,368	3,531,555	23,587	10,089	33,676	3,565,2
owa	5,418,191	2,809,515	8,227,706	270,987	8,498,693	68,581	9,237	77,818	8,576,5
Cans	2,955,573	1,490,243	4,445,816	300,926	4,746,742 2,052,560	20,049	3,996	24,045	4,770,70
y	999,796	1,040,131	2,039,927	12,633 15,745	1,435,496	48,189	25,410	73,599	2,126,1 1,456,6
daine	438,782 286,548	980,969 123,941	1,419,751 410,489	3,749	414,238	15,269 3,741	5,850 2,372	21,119 6,113	420,3
Md	511.360	259.166	770.526	6,993	777,519	6,703	1.753	8,456	785.90
Mass	112,109	129,897	242,006	773	242,779	2,476	896	3,372	246,18
dich	997,659	1.129,132	2,126,791	45.510	2.172.301	21.354	11,269	32,623	2.204.9
dinn	2,591,082	2.260,856	4,851,938	164,345	5,016,283	46,774	13,703	60,477	5,076,76
diss	906,765	1.091,783	1,998,548	29,550	2,028,098	16,825	17,385	34,210	2,062,3
Mo	2,098,566	1.477,136	3,575,702	72,277	3,647,979	55,412	16,976	72,388	3,720,3
dont	682,774	548,876	1.231.650	137,237	1,368,887	13,380	1,619	14,999	1,383,8
Nebr	3,098,159	1,633,441	4,731,600	268,648	5,000,248	20,171	3,696	23,867	5,024,1
Vev	125,945	42,073	168,018	3,353	171,371	3,833	103	3,936	175,3
N.H	61,376	25,305	86,681	886	87,567	1,494	988	2,482	90,0
.J	104,402	268,037	372,439	1,957	374,396	2,775	1,029	3,804	378,2
N. Mex .		213,026	964,262	29,201	993,463	6,221 19,047	1,566	7,787	1,001,2
N.Y		571,558 1,939,441	1,918,837 3,236,199	22,475 34,758	1,941,312 3,270,957	38,304	10,808 44,358	29,855 82,662	1,971,10 3,353,6
V. Dak		1,336,987	1.866,400	278,179	2,144,579	18,090	2,272	20,362	2,164.9
Ohio		1,730,369	3.002,663	24,305	3.026,968	29,362	12,530	41.892	3,068,8
Okla		704,381	2,379,459	102,604	2,482,063	29,513	6.244	35,757	2,517,8
Oreg		812,748	1,268,373	30,416	1,298,789	29,983	4,111	34.094	1.332.8
a		641,631	2,152,309	12,659	2,164,968	47,415	7,120	54,535	2.219,5
R.I	12,379	17.678	30.057	62	30,119	216	84	300	30.4
3.C	373,199	605,398	978,597	20,998	999,595	11,935	8,511	20,446	1,020,0
Dak		555,342	2,085,421	127,155	2,212,576	17,452	1,906	19,357	2,231,9
Tenn	868,369	757,069	1,625,438	15,464	1,640,902	30,318	24,449	54,767	1,695,6
ex	4,646,194	2,901,779	7,547,973	318,843	7,866,816	22,450	13,505	35,955	7,902,7
Jtah		104,527	456,726	20,245	476,971	5,120	940	6,060	483,0
Vt	287,070	21,933	309,003	4,538	313,541	3,944	2,763	6,707	320,2
Va	707,239 561,739	524,246	1,231,485	26,712	1,258,197	23,821	18,272	42,093	1,300,2
Wash W. Va	139,572	1,562,397 47,384	2,124,136 186,956	68,791 3,212	2,192,927 190,168	46,517 13,307	5,773 4,716	52,290 18,023	2,245,2 208,1
Wis	2.970.855	673,551	3,644,406	44,116	3,688,522	52,049	22,625	74,674	3,763.1
Wyo	448 084	79,782	527,156	17,305	544,461	6,805	382	7,187	551,6
U.S .	58,990,761	52.051.328	111.042.089	3.030,004	114.072.093	998,936	394,778	1.393.714	115,465,8

¹ Value of farm products consumed directly in farm households where produced.

Table 657.—Personal income: Total and per capita, by residence, United States,

		Perso	onal income	of—		Per o	capita dispo mal income	eable of—	Per capita
Year	Fa	rm populati	ion	Nonfarm		Farm	Nonfarm	Total	income, all sources (farm as
	From farm sources 1	From nonfarm sources 2	From all sources	population from all sources	Total popu- lation	popu- lation from all sources	popu- lation from all sources	population from all sources	percent- age of nonfarm)
	Million	Million	Million	Million	Million				
1964	dollars 10.012	dollars 9,743	dollars 19,755	dollars 475,896	dollars 495,651	Dollars 1,394	Dollars 2.341	Dollars 2.278	Percent 59.
1965	11,968	10.627	22,595	514.436	537,031	1,692	2,480	2,430	68.
966	12,608	11.205	23,813	561.062	584,875	1.894	2,641	2,597	71.
967	11.117	11,737	22,854	603,772	626,626	1.925	2,788	2,740	69.
968	11,271	12,828	24,099	661,121	685,220	2,099	2,976	2,930	70.
969	12,927	13,929	26,856	718,971	745,827	2,332	3,152	3,111	74.
970	13,005	14,473	27,478	773,793	801,271	2,520	3,389	3,348	74.
971	13,484	15,346	28,830	830,262	859,092	2,722	3,629	3,588	75.
972	16,856 29,230	17,751	34,607	907,929	942,536	3,244	3,865	3,837	83.
	29,230	19,690 21,798	48,920 45,151	1,003,520 1,109,785	1,052,440	4,700	4,266 4,660	4,285	110.
974	21,888	22,660	44,548	1,210,938	1,154,936	4,355 4,520	5,113	4,646 5,088	93. 88.
976	16,765	23,500	40,265	1,341,345	1,381,610	4,314	5,553	5,504	77.
977	18.015	24,920	42,935	1.488,641	1.531.576	4,946	6,058	6,017	81.
19783	25,163	28,787	53,950	1.663,449	1,717,399	6,069	6,696	6.672	90.

¹ Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item "farm production expenses" for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.
² Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.
² Preliminary.

Table 658. - Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1964-771

Year	Number	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	\$15,000 to \$24,999	\$25,000 or more	Median income
1964 .	Thou- sands 3.098	Percent 11.0	Percent 15.2	Percent 16.5	Percent 21.0	Percent 15.5	Percent	Percent 6.7	Percent 2.2	Percent	Percent	Dollars 3,556
1965 . 1966 .	2,953 2,697	8.6	14.5	14.0	22.6	16.5	12.5	7.1	4.0			4,119
1967 .	2,683	6.5	10.7 9.5	12.8 11.2	21.8 22.3	19.3 16.9	15.3 16.9	9.5	4.3 6.1			4,841 5,086
1968 .	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4			5,769
1969 .	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6			6,38
1970 . 1971 .	2,347	5.9 5.0	6.2 5.1	7.8 7.9	16.3 15.8	15.9 14.9	18.5 18.1	17.5 19.1	12.2 14.2			6,773
1972	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0	19.2	16.8	5.3	8,849
1973	2.542	2.6	3.5	3.9	11.6	12.4	15.8	22.0		19.4	8.9	10,04
1974 .	2.392	1 7	2	4.0	9.0	11.2	15.4	20.5		22.0	10.7	10.61
1975 .	2,200		.5	3.9	11.0	9.9	16.2	19.9		22.2	11.4	10,84
1976 .	2,184		1.7	2.9	8.6	9.8	14.1	19.5		23.5	14.9	11,66
1977 .	2,172	8	.3	2.2	7.8	9.3	11.5	18.9		24.2	17.8	12,63

¹Family refers to two or more persons related by blood, marriage, or adoption, and residing together on a farm. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

Economics, Statistics, and Cooperatives Service - Economics. Estimates from P-60 series of the Bureau of the Census.

Table 659.—Farm income: Number of farms and average farm income per farm, United States, 1964-781

	Number	Cash re	ceipts from 1	farming	Gross	Produc-	Farm operator family income				
Year	of farms	Farm marketings	Govern- ment payments	Total	farm income expenses Net from farming	Off farm	Total				
	Thousands	dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		
64	3,457	10.8	0.6	11.4 12.5	12.2 13.9	9.2	3.0	3.4	6.		
65	3,356 3,257	11.7	1.0	14.3	15.5	10.0	4.3	4.3	7.1		
MIN	3,162	13.5	1.0	14.5	16.0	12.1	3.9	4.6	8.		
68	3,071	14.4	1.1	15.5	16.9	12.9	4.0	5.0	9.		
169	3,000	16.1	1.3	17.3	18.8	14.0	4.8	5.5	10.		
770	2,949	17.1	1.3	18.4	19.9	15.1	4.8	5.9	10.		
971	2.902	18.2	1.1	19.3	21.4	16.3	5.0	6.5	11.		
772	2,860	21.4	1.4	22.8	24.8	18.3	6.5	7.2	13.		
773	2,823	30.8	.9	31.8	35.0	23.2	11.8	8.4	20.		
774	2,795	33.1	2	33.3	35.2	25.8	9.3	9.5	18.		
775	2,767	31.9	2 3 3	32.2	36.3	27.4	8.8	9.9	18.		
776	2,738	34.6	.3	34.9	37.2	30.4	6.8	11.1	17.		
777	2,706 2,672	35.3 41.6	1.1	36.0 42.7	40.1 47.1	32.8 36.7	7.3	11.8 12.8	19. 23		

¹Gross farm income and net income from farming includes adjustment for value of change in farm inventories. Totals may not add due to rounding. ²Preliminary.

Table 660. - Expenses: Farm production expenses, United States, 1964-78

Year	Feed pur- chased	Live- stock pur- chased	Seed pur- chased ¹	Ferti- lizer and lime	Repairs and opera- tion of capital items ²	Depreciation and other con- sump- tion of farm capital 3	Hired labor 4	Taxes on farm prop- erty ⁵	Interest on farm mort- gage debt*	Net rent to non- operator land- lords	Miscel- laneous 7	Total produc- tion ex- penses
	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million	Million
1964	5,512	2,419	661	1,888	3.931	4.903	3,483	1,798	952	1.655	4.610	31.812
1965	5.674	2,912	720	1.994	3.943	5,111	3,604	1.874	1.075	1.886	4,857	33,650
1966	6,401	3,544	760	2,219	4,164	5,384	3,683	2,002	1,198	2,023	5,130	36,508
1967	6,646	3,431	814	2,429	4,409	5,781	3,723	2,122	1,325	1,882	5,619	38,181
1968	6,357	3,676	831	2,434	4,387	6,200	3,920	2,296	1,472	1,999	5,951	39,525
1969	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970	8,028	4,324	927	2,390	4,539	6,760	4,349	2,596	1,764	2,132	6,615	44,424
1971	8,049	5,123	1,072	2,633	4,707	7,350	4,367	2,704	1,906	2,246	7,211	47,367
1972	8,397	6,668	1,115	2,690	4,708	7,887	-4,594	2,815	2,132	3,491	7,818	52,315
1973	13,224	8,065	1,617	3,354	5,229	8,945	5,232	2,886	2,495	5,679	8,836	65,562
1974	14,513	5,131	2,082	5,808	6,659	10,563	6,036	3,096	3,044	5,100	10,178	72,210
1975 1976	12,647 14,370	4,950 5,871	2,293	6,383	7,806 9,096	12,586	6,357 7,037	3,333	3,421 3,852	4,600	11,487 12,586	75,863 83,130
1977	13,993	6,980	2,856	6,152	10,120	15,156	7,452	3,940	4,352	4,220	13,717	88,776
1978	14,439	9,967	3,080	6,335	10,120	16,648	7,691	4,226	5,232	4,713	14,930	98,096

¹ Includes bulbs, plants, and trees.

² Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.

³ Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up

³Estimated outlay necessary, at current prices, for the reptacement of capital equipment that has been used during the year.

⁴Includes cash wages, perquisites, and Social Security taxes paid by employers.

⁵Includes taxes levied against farm real estate and farm personal property.

⁶Interest charges payable during the calendar year on outstanding farm-mortgage debt.

⁷Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous.

Table 661.—Labor: Total hours used for farm work, by enterprise groups, United States, 1964-78

		Live	stock a prod	nd liver	stock					Cr	ops	П			
Year	All farm work 1	All 2	Meat ani- mals 3	Milk cows	Poul- try 4	All crops	Feed grains	Hay and for- age ⁷	Food grains (*)	Vege- tables	Fruits and nuts (10)	Sugar crops (11)	Cot- ton	To- bacco	Oil crops (17)
1964 1965 1966 1966 1969 1969 1970 1971 1972 1973 1974 1975 1976 1976	Mil. 8,194 7,335 6,858 6,677 6,416 6,198 5,896 5,741 5,433 5,321 5,178 4,990 4,850 4,431	Mil. 3,181 2,969 2,828 2,706 2,571 2,423 2,344 2,238 1,964 1,850 1,700 1,609 1,517 1,414	Mil. 1,191 1,107 1,092 1,078 1,080 1,008 997 962 905 850 812 730 693 654 608	Mil. 1,360 1,250 1,133 1,039 961 876 817 767 720 661 612 569 531 493	Mil. 459 444 436 426 399 380 373 354 328 300 274 251 236 222 209	Mil. 3,867 3,416 3,142 3,104 3,013 2,973 2,788 2,787 2,621 2,667 2,644 2,576 2,534 2,444	Mil. 503 502 496 517 481 469 425 438 376 369 376 369 353	Mil. 496 410 372 356 343 339 338 311 310 296 287 282	Mil. 177 176 173 203 196 172 152 166 166 178 212 222 226 207 187	Mil. 403 407 404 406 408 371 359 349 349 351 357 355 338 349	Mil. 448 454 429 446 432 480 452 471 435 477 470 491 473 484	Mil. 95 85 85 87 77 78 74 70 75 69 66 73 69 61 61	Mil. 573 482 308 240 267 265 244 232 239 188 183 106 112 105 80	Mil. 546 468 440 409 350 341 308 261 296 271 243 236	Mil. 18 20 21: 222 22 220 200 23 21: 21: 192 22 23

Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work. Excludes labor used on horses and mules and farm gardens after 1964.

2 Excludes horses and mules; includes wool and minor livestock which are excluded from separate enterprises shown.

3 Cattle and calves, sheep and lambs, and hogs.

4 Chickens, broilers, and turkeys.

5 Includes hay seeds, pasture seeds, and cover-crop seeds; farm gardens (excluded after 1964); and minor crops which are excluded from separate crops shown.

4 Corn for grain, oats, barley, and sorghum grain.

7 All ahay, corn silage, and sorghum forage and silage.

8 Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.

9 Pruits, berries, and tree nuts.

19 Sugarbsets, sugarcane for sugar and seed, sugarcane sirup, and maple products.

19 Sugarbsets, sugarcane faresupper and sugarcane sirup, and maple products.

19 Pruits, berries, and faxseed, and for 1964, tung nuts.

0 6

03066

ip

Table 662.—Fertilizers: Quantities of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1976-78

State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P ₂ O ₈)	Potash (K ₂ O)	State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P ₂ O ₈)	Potash (K ₂ O)
Ala.: 1976 1977 1978	Tons 1,032,615 1,175,714 1,066,974	Tons 176,907 188,289 161,706	Tons 99,509 114,510 108,967	Tons 112,173 132,312 127,476	Ky.: 1976 1977 1978	Tons 1,015,750 1,134,335 986,608	Tons 152,172 182,772 157,745	Tons 130,792 150,456 132,950	Tons 148,337 169,690 158,032
1976 1977 1978	4,756 9,780 5,430	988 1,833 1,019	729 1,346 872	502 1,155 623	1976 1977 1978 Maine:	633,320 667,918 653,773	125,760 124,337 115,996	60,827 68,438 71,279	64,531 75,368 79,431
1976 1977 1978	329,123 361,840 302,070	104,602 109,970 93,804	37,615 41,458 29,604	605 1,199 1,801	1976 1977 1978 Md.:	124,412 124,125 113,330	14,364 14,253 13,346	17,307 17,046 15,003	17,338 16,856 15,673
1976 1977 1978	716,673 787,358 642,876	156,082 172,971 135,042	71,808 78,422 66,077	84,563 96,170 86,118	1976 1977 1978	414,608 505,786 414,178	57,020 70,217 56,553	44,014 59,667 49,906	57,876 73,456 59,786
1976 1977 1978	4,340,629 4,623,425 3,921,945	587,084 596,081 572,397	181,601 213,158 207,959	61,154 69,071 74,441	Mass.: 1976 1977 1978	71,033 68,004 86,503	8,803 9,015 11,501	5,984 5,872 7,644	6,779 6,607 8,550
1976 1977 1978	398,281 355,566 407,937	128,812 118,131 136,804	53,801 43,813 46,802	9,947 11,002 9,440	Mich.: 1976 1977 1978	1,053,817 1,195,006 1,225,687	183,991 217,448 216,222	144,691 161,701 168,474	187,285 219,237 233,884
Conn.: 1976 1977 1978	66,461 63,586 59,963	8,319 8,924 7,780	6,552 5,809 5,311	6,338 4,776 5,134	Minn.: 1976 1977 1978	2,185,578 2,058,038 1,966,306	561,272 521,019 491,719	321,888 295,622 274,678	350,596 360,796 358,038
Del.: 1976 1977 1978	122,200 142,360 110,430	16,939 19,931 15,623	11,991 14,253 11,525	19,448 23,097 17,888	Miss.: 1976 1977 1978	841,547 904,470 791,927	202,914 190,516 168,470	72,059 90,232 77,609	72,678 95,879 92,010
D.C.: 1976 1977 1978	6,749 7,572 7,060	1,058 1,118 851	415 489 501	398 442 395	Mo.: 1976 1977 1978	1,778,568 1,787,656 1,445,212	405,129 406,305 308,592	203,899 211,435 167,802	254,451 268,254 218,606
Fla.: 1976 1977 1978	1,940,105 2,004,586 1,998,828	220,351 248,670 231,905	102,566 112,791 110,951	242,085 249,700 256,432	Mont.: 1976 1977 1978	256,383 302,082 249,922	53,982 64,024 53,982	62,989 74,294 59,816	5,728 8,608 5,298
Ga.: 1976 1977 1978	2,339,176 2,536,631 2,171,534	322,263 349,789 286,794	157,462 180,308 153,337	246,716 273,855 235,884	Nebr.: 1976 1977	1,601,009 1,876,466 1,802,979	652,970 748,938 733,774	148,830 185,950 160,434	55,147 69,736 63,811
1976 1977 1978	176,735 191,022 193,745	25,161 25,720 28,785	18,092 23,327 29,952	25,029 23,989 23,324	Nev.: 1976 1977 1978	26,494 25,935 27,361	4,983 4,777 5,423	2,957 2,091 1,818	163 159 242
daho: 1976 1977 1978	594,934 530,298 608,292	156,189 138,972 160,999	68,355 61,075 64,738	14,535 12,831 15,077	N.H.: 1976 1977 1978	24,505 21,088 24,257	2,667 2,731 3,139	3,275 2,192 2,580	3,181 2,904 3,278
1976 1977 1978	3,994,410 4,333,746 3,622,240	934,518 977,607 792,518	509,022 587,095 460,481	658,275 764,339 665,526	N.J.: 1976 1977 1978	206,785 215,191 185,020	25,289 24,586 23,225	19,632 21,523 17,505	21,292 23,170 20,987
nd.: 1976 1977 1978	2,372,924 2,907,936 2,791,585	417,645 495,724 504,245	282,648 339,831 324,000	397,466 522,017 468,423	N. Mex.: 1976 1977 1978	120,824 109,825 111,096	36,555 32,283 32,263	16,920 17,646 16,849	1,704 1,612 2,352
1976 1977 1978	3,666,244 3,208,828 3,267,725	1,042,896 852,350 921,084	463,877 417,766 423,895	496,390 478,159 458,847	N.Y.: 1976 1977 1978	564,472 605,308 590,726	77,876 86,756 84,420	73,157 78,471 76,821	74,841 81,420 83,947
Cans.: 1976 1977 1978	1,632,351 1,639,960 1,422,811	644,970 636,832 551,458	198,861 198,828 158,404	48,392 54,701 43,351	N.C.: 1976 1977 1978	2,059,675 2,055,701 1,857,027	254,156 261,778 222,283	161,517 163,898 150,037	224,187 233,117 216.532

See footnotes at end of table.

Table 662.—Fertilizers: Quantities¹ of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1976-78—Continued

State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P ₂ O ₅)	Potash (K ₂ O)	State or possession and period	Com- mercial fertilizer	Nitro- gen (N)	Avail- able phos- phoric oxide (P ₂ O ₅)	Potash (K ₂ O)
N. Dak.: 1976 1977	Tons 630,241 667,645 647,280	Tons 201,185 229,102 253,062	Tons 130,927 140,665 120,326	Tons 18,031 18,685 19,285	Utah: 1976 1977 1978	Tons 155,905 126,766 110,570	Tons 33,109 23,420 22,355	Tons 16,617 20,973 14,664	Tons 1,290 789 2,371
Ohio: 1976 1977 1978	1,979,643 2,048,257 1,970,945	355,720 363,480 347,186	275,418 287,575 268,700	329,812 351,311 350,859	Vt.: 1976 1977 1978 Va.:	56,195 57,616 46,043	7,650 7,403 6,180	6,542 8,556 5,517	7,904 7,335 6,469
1976 1977 1978	735,560 773,994 689,760	229,640 256,555 243,522	103,303 113,231 85,839	29,291 34,253 32,144	1976 1977 1978 Wash.:	826,474 917,220 789,233	99,403 114,379 98,675	71,134 78,494 72,538	89,432 97,476 90,081
1976 1977 1978	526,002 545,476 509,234	127,798 127,191 122,739	40,843 50,332 42,123	18,494 25,550 26,787	1976 1977 1978 W. Va.:	756,181 708,067 790,185	196,097 175,144 211,019	69,870 65,343 60,712	27,460 30,194 32,875
1976 1977 1978	719,357 683,530 664,379	95,675 96,809 98,158	92,702 94,696 91,684	89,089 88,644 90,616	1976 1977 1978 Wis.:	66,622 76,412 65,439	8,670 10,675 8,961	8,924 10,843 7,889	7,487 8,827 8,747
1976 1977 1978	16,456 18,929 13,678	1,871 2,275 1,482	1,223 1,634 1,336	1,321 1,616 1,107	1976 1977 1978 Wyo.:	1,147,189 1,352,257 1,442,700	171,753 203,862 213,979	144,348 165,906 170,269	290,302 351,855 380,974
1976 1977 1978 S. Dak.:	929,681 985,174 843,712	112,624 115,979 97,376	69,748 77,756 66,766	112,875 132,977 115,994	1976 1977	69,500 76,440 65,585	21,015 23,282 22,009	8,308 10,357 6,633	969 1,663 756
1976 1977 1978	409,276 346,111 374,847	112,309 95,760 104,851	66,128 55,857 60,797	14,491 15,035 15,427	1976 1977	108,736 120,084 108,245	16,129 17,767 15,554	6,528 6,591 6,407	11,547 12,874 12,098
1976 1977 1978	742,200 859,067 797,974	109,065 131,012 119,551	95,460 122,439 111,674	109,213 130,322 134,246	1976 1977	49,189,169 51,623,675 47,586,805	10,411,584 10,647,403 9,973,491	5,227,553 5,629,732 5,099,303	5,209,682 5,833,778 5,526,721
1976 1977 1978	2,600,805 2,723,488 2,523,639	747,186 748,641 685,366	263,890 277,671 250,847	90,551 98,686 95,244					

¹Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

 ${\bf Economics, Statistics, and \ Cooperatives \ Service-Crop \ Reporting \ Board.}$

Table 663.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1964-781

		Mixed f	ertilizers		All fe		ntaining prin	nary	Other fer- tilizers 3
Year ending June 30	Quantity	Nitro- gen (N)	Available phosphoric oxide (P ₂ O ₂)	Potash (K _g O)	Quantity	Nitro- gen (N)	Available phosphoric oxide (P ₂ O ₂)	Potash (K _g 0)	Quantity
1964	1,000 tons 18,569 19,689 21,132 21,234 20,961 21,513 21,513 21,513 22,547 24,067 22,988 24,099 22,121	Percent 7.61 7.82 8.10 8.35 8.77 8.95 9.25 9.59 9.91 10.21 10.10 10.16 10.53 10.58 10.73	Percent 14.95 15.17 15.82 16.81 17.54 17.99 18.33 18.58 18.79 17.75 17.99 19.29 19.29	Percent 12:68 12:39 12:61 13:02 12:67 12:53 12:70 13:00 12:78 12:66 12:50 12:52 12:78	1,000 foas 29,206 30,315 33,071 35,684 37,126 37,614 38,292 39,902 39,896 41,822 44,964 40,696 45,993 49,099	Percent 14.90 15.30 16.11 16.89 18.26 20.38 20.31 19.83 20.37 21.18 22.20 21.69 21.82	Parcent 11.57 11.59 11.78 12.06 12.00 12.41 11.95 12.04 12.19 12.16 11.34 11.10 11.15 11.47	Percent 9.35 9.35 9.74 10.21 10.22 10.34 10.64 10.86 11.12 11.30 10.97 11.11 11.88 12.09	1,000 tons 1,47 1,52 1,48 1,39 1,61 1,33 1,29 1,21 1,31 1,48 2,13 1,87 2,29 2,52 2,52 1,87

CICALINAFFAZ220

F200000FD

H

ch

th

Us

Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government

agencies.

3 Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

3 Calculations for 1965 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 664. - Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1976-78

		Quantity			Value	
Item	1976	1977	1978	1976	1977	1978
Phosphate rock sold or used by producers: Florida: Soft rock Land pebble 2 Tennessee 2 Other States	1,000 tons 32 37,383 1,907 5,376	1,000 tons 28 45,161 1,899 5,202	1,000 tons 30 45,622 1,861 6,251	1,000 dollars 580 774,517 14,506 67,585	1,000 dollars 504 726,950 14,028 87,602	1,000 dollars 537 778,338 15,411 107,091
Total	44,668	52,290	53,764	887,189	829,084	901,378
Agricultural lime and liming materials sold by producers: Lime from limestone: Quicklime* Hydrated Limestone pulverined Calcarecous mar! Poultry grit	69 67 39,825 320 1,979	21 70 31,863 190 2,369	13 59 33,429 675 2,742	2,304 2,454 106,687 1,066 12,371	679 2,517 95,282 468 12,860	441 2,308 106,121 2,501 17,606

Uses include manufacture of superphosphate, phosphoric acid, phosphorus, and ferrophosphorus; direct application to the soil; as a fertiliser filler; stock and poultry feed; undistributed exports; and other minor us
 Includes sintered matrix.
 Lime from oystershells included with quicklime from limestone.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Interior.

Table 665.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1972-78

Item	1972	1973	1974	1975	1976	1977	19781
	1.000	1.000	1.000	1.000	1.000	1.000	1.000
PRODUCTION	pounds	pounds	pounds	pounds	pounds	pounds	pounds
Calcium arsenate	(2)	(2)	(3)	(2)	(2)	(2)	(3)
Lead arsenate	5,164	3,946	(2)	(2)	(2)	(2)	(3)
Copper sulfate	76,104	86,720	84,184	71.228	64.244	60,200	70,286
Aldrin-toxaphene group 4	141,858	145,584	141.719	(2)	(2)	(2)	(3)
DDTTDD	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Methyl bromide	24.633	29.571	30.452	36,048	35,856	34.684	(3)
Methyl parathion	51.076	48.890	51,448	53,668	(2)	39,695	(3)
Parathion	(2)	(2)	(2)	(2)	(2)	(3)	(3)
Perbam	(2)	(2)	(2)	(2)	(2)	(3)	(3)
Nabam	(2)	(2)	(2)	(2)	(2)	(2)	(3)
Zineb	(8)	(8)	(3)	(2)	(2)	(8)	(3)
2.4-D acid	(2)	(8)	(2)	(2)	(2)	(2)	(8)
2.4.5-T acid	(3)	(2)	(2)	(2)	(8)	(8)	(3)
Other organic pesticides	940.131	1.064.907	1.193,539	1.519.405	1.328,535	1.313.140	(3)
DUPORTS	0.40,101	The sine i	1,100,000	1,010,400	2,000,000	2,010,140	4-1
Pyrethrum flowers	108	83	305	55	180	451	208
Pyrethrum extract		641	565	678	697	603	390
Rotenone-bearing roots	1.469	2.516	3.943	2,214	1,796	874	1.791
EXPERTS	1,100	ajoro	0,040	2,214	4,100	0.4	2,101
Fungicides 5	41.946	58,467	60,059	47.872	50,351	54,239	79,459
2,4-D and 2,4,5-T, acid basis*	6,808	21,214	21,602	12,598	10,733	7.846	6.524
Other herbicides	81,127	118,803	168.982	186,138	186,978	203,104	227,646
DDT	35,424	73,712	56,376	47,228	25,433	498	30,279
Other polychlor insecticides	50.521	81,065	93,703	47,839	45,966	64.315	59,131
Organophosphorus insecticides	64.813	77,190	98,565	84,819	68,696	99,553	94,869
Other agricultural insecticides 7	51,459	101,229	109,790	119,290	132,422	121.265	130,744
Fumigants	34.611	34,360	31,321	16.343	19,033	14.675	19,645
Disinfectants, deodorants, and	34,011	04,000	01,021	10,343	19,033	14,675	19,040
germicides	10.853	12.445	15.276	12.097	13.981	14,094	10 100
Household and industrial insecticides.	10,803	16,440	10,276	12,097	13,961	14,094	18,102
riousenoid and industrial insecticides.	1	1		1	1		

Preliminary.
Withheld to avoid disclosure.
Not available.
Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene poly-*Includes the contributed compounds and sulfur, which were previously listed separately.

*Includes copper sulfate and agricultural sulfur, which were previously listed separately.

*Preparations containing 2.4-D and 2.4.5-T included in "Other herbicides."

*Includes calcium arsenate, lead arsenate, and nicotine sulfate, which were previously listed separately.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade commission, the U.S. Department of the Interior, and trade sources.

Table 666. - Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1969-78

Item	1969	1970	1971	1972	1973	1974	1975	1976	1977	19781
Used in pesticide formulation:										
Talc, soapstone, and	Tons	Tons								
pyrophyllite	81,322	60,817	63,831	65,465	43,404	46,963	41,966	40,368	22,664	
Fuller's earth	187,426	191,688	180,769	144,380	175,332	179,579	198,327	205,019	195,180	*****
Kaolin	25,427	25,807	14,977	28,442	28,750	28,511	32,114	33,631	22,312	
Bentonite	2,199	2,383	4,563	40,208	35,711	23,853	2,979	2,102	5,000	
Other clays	(3)	5,373	(3)	(2)	(3)	(3)	1,348	15,551	15,450	*****
Used in manufacture:		-	-	-	-			-		
Mercury	102	69	56	70	70	37	23	23	22	(2)
Shipments to agriculture:										
Copper sulfate	21,036	14,384	15,556	14,032	19,844	18,972	16,187	13,479	16,487	12,096
Zinc sulfate (dry basis)	16,424	14,803	13,812	8,602	8,353	8,677	3,579	5,326	6,121	8,011

7911

=

of

Preliminary.

Data withheld to avoid disclosure.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 667.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1964-1978¹

Year	BHC ²	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D outer	DDT*
1964	Cents 0.75 .75 .75 .68	Cents 65.0 65.0 65.0 60.2	Cents 14.0 15.3 17.2 18.5	Cents 30.9 32.5 36.5 38.9	Cents 16.0 17.8 19.2 22.7	Cents 34.5 33.9 32.5 33.2	Cents 35.5 35.0 33.1 35.7	Cents 16.6 17.0 18.0 17.9
1968 1969 1970 1971 1972	.66 .65 .65	59.0 59.0 59.0 59.0 59.4	19.5 21.2 23.9 22.6 22.6	40.6 44.4 49.5 46.8 46.7	23.2 23.1 22.0 22.9 23.0	35.2 33.2 33.2 36.0 36.0	37.2 35.5 35.5 41.0 41.0	17.8 17.3 21.8 22.0 22.0
1973 1974 1975 1976 1977	.65 .65 .65 1.82 2.00	61.0 63.3 71.2 99.6	25.2 33.8 35.3 36.6	52.2 68.5 70.8 73.3	23.0 30.6 41.0 47.9	36.0 36.0 52.2 83.0	37.5 37.5 86.6 73.0	22.0 27.1 34.0 34.0
1978	2.00	108.0 108.0	34.7 35.6	69.4 71.3	50.0 50.0	83.0 83.0	73.0 73.0	34.0
Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
1964 1965 1966 1967 1968	Cents 26.8 27.8 29.0 30.0 29.2	Dollars 1.85 1.85 1.85 1.41 1.30	Dollars 0.95 .95 .95 .95	Cents 67.0 67.0 67.0 60.6 60.5	Cents 86.6 88.0 88.0 78.0 62.4	Cents 70.8 74.9 79.0 81.0 78.4	Dollars 11.18 11.18 11.30 11.52 11.20	Dollars 0.96 0.96 0.96 1.02 1.11
1969 1970 1971 1972 1973	26.6 27.5 27.5 27.5 27.5	1.30 1.30 1.33 1.37 1.59	.95 .95 .95 .95	60.5 60.5 41.1 34.0 34.0	59.0 59.0 46.2 45.0 49.0	75.0 75.0 75.0 75.0 75.0	10.60 9.92 10.12 10.24 10.25	1.14 1.15 1.15 1.12 1.12
1974	27.5 27.5	2.04 2.50 3.32	1.30 1.30	34.0 36.8 41.0	51.5 80.9 87.0	85.2 99.0 99.0	11.10 12.25 12.25	1.12 1.12 1.12

Average of weekly price quotations.

Average of weekly price quotations.

Approximation of 36 percent gamma material is 36 times the unit price quoted.

Price for fake or chip grades; price for powdered is 0.75 cent to 1 cent higher.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schneil Publishing Company, Inc., in the Chemical Marketing Reporter.

CHAPTER X

TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

Table 668.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1964-78

	1	Farm real estate		
Year		Taxes p	er acre	Farm personal property
	Amount	Amount	Index	1
1964 1965 1967 1968 1969 1970 1971 1972 1973 1974	Million dollars 1,466.7 1,535.7 1,533.8 1,730.5 1,881.8 2,038.8 2,169.1 2,875.2 2,462.7 2,551.8 2,2854.7	Dollars 1.45 1.53 1.65 1.76 1.93 2.11 2.27 2.40 2.50 2.56 2.70 2.92	1967 = 100 82 87 94 100 110 120 129 136 142 145 154	Million dollars 331. 3367. 385. 402. 388. 402. 424. 1 429. 1 515. 1 591.
1976	3,098.4 3,243.2 3,369.7	3.17 3.40 3.68	190 193 209	1 635. 2 689. 2 708.

Revised
 Salt Lake County, Utah not included.
 Preliminary.

Table 669.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1976 and 1977

	1			Taxes	per acre			
State	Amount farm rea		Amo	ount	Inc	lex	Taxes per full v	s \$100 of salue
	1976	1977 1	1976	1977 1	1976	1977 1	1976	1977 1
	Million	Million				rmint 3	7117	
	dollars	dollars	Dollars	Dollars	1967 = 100		Dollars	Dollars
la	8.0	7.9	0.55	0.58	130	136	0.14	0.1
laska	8.	.9	4.22	6.14	140	205	.87	1.5
riz	21.9 30.5	24.7 28.0	2.22 1.73	2.34 1.81	238 158	251 164	.81	
rk	362.5	384.0	11.50	12.29	177	189	1.56	1.3
olo	42.7	41.8	1.20	1.29	154	166	.52	-
onn	8.9	9.6	17.07	18.03	170	179	.91	3
el	1.2	1.2	1.79	1.85	105	109	.16	1
a	66.8	70.7	4.89	5.16	179	189	.67	3
1	44.4	46.1	2.63	2.94	259	289	.54	1
awaii	5.5		2.40		167		.33	
aho	33.4	34.0	2.56	2.87	179	201	.62	
	294.4	326.5	10.15	10.94	183	197	.95 .57	
d	88.4	90.7	5.09	5.18	125	127		
WB	258.1	267.7	7.57	7.99	183	193	.83	
ans	122.8	128.6	2.50	2.65	148	157	.75	
Y	31.7	32.7	1.99	2.05	162	168	.39	
	15.3	13.2	1.29	1.35	120	125	.24	1
aine	7.2	7.9	4.22	4.52	165	177	1.13	1.
d	18.8	18.3	6.48	6.60	165	168	.50 1.70	1
ass	12.3	13.4	17.94	19.86	199	220		1
ich	121.3	122.5	9.90	11.30	293	334	1.61	1
inn	131.9	119.0	4.32 1.26	4.13	164	157 163	.82	
im	21.1 83.5	20.3 87.2	2.56	1.29 2.70	181	191	.32	
ont	43.2	45.4	.84	.87	162	169	.61	
ebr	153.3	144.4	3.29	3.25	207	204	.91	
PV	3.5	4.6	.80	.76	176	167	.72	
Н	3.8	4.4	7.05	7.36	201	210	1.14	1
J	19.9	18.4	19.78	18.03	158	144	.96	
Mex	8.0	8.1	.25	.26	127	129	.25	
Υ	102.7	108.5	9.05	10.75	237	282	1.62	1
C	36.0	36.4	2.68	2.88	181	194	.41	
Dak	61.4	70.4	1.58	1.95	175	193	.66	
io	111.8	128.9	6.49	7.57	197	230	.75	
kla	45.8	46.5	1.29	1.34	158	164	.38	
eg	53.5	47.6	2.99	2.90	150	146	1.03	
	68.7	70.1	6.92	7.95	191	220	.83	
I	1.4	1.6	22.30	24.13	219	237	1.31	1
C	13.2	12.7	1.71	1.83	181	194 210	.35	1
Dak	64.3	75.1	1.67	1.95	181	253		
nn	35.7 171.0	37.0 193.3	2.35	1.25	241 174	196	.46	
tah	16.1	13.3	1.60	1.58	165	163	.61	
an	11.1	12.0	5.98	6.31	209	220	1.22	1
	30.7	31.9	2.80	3.01	243	261	.45	
ash	44.8	53.1	3.39	3.72	193	211	.71	
. Va	3.3	3.1	.71	.72	144	148	.18	
	149.7	155.7	7.78	8.62	215	239	1.56	1
yo	12.2	13.2	.48	.52	149	161	.43	
	-			-	-		-	_
U.S	3,098.4	3,243.9	3.17	3.43	180	195	.74	

¹ Preliminary.

Table 670.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-78

Сгор	Year	Drought	Hail	Excess mois- ture	Frost freeze, cold, and winter- kill	Flood	Wind	Insecta	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple	1963-78		15.8		80.1	a eacem	4.1	3 eaceme	7 earness	rescent
Barley	1956-78	48.8	20.1	13.4	5.1	3.1	6.1	0.7	0.5	2.4
Bean, dry edible	1948-78	16.2	20.7	28.1	21.1	.8	5.0	1.1	5.5	1.5
Cherry, red tart	1963-66	1	7.7	80.4	88.9		3.2		0.0	1.5
Citrus	1961-78		.9		96.5		2.6			. 0
Corn	1945-78	67.4	4.9	12.3	4.7	1.0	6.7	.7	1.8	
Cotton	1942-78	26.4	8.9	27.3	12.7	2.9	5.5	13.9		.4
Flax	1945 - 78	36.1	8.8	27.0	7.9	1.5	7.0	1.3	29	1.6
Forage seeding	1978	32.3	0.0	65.1	1.5	1.0		1.3	2.9	7.8
Grain sorghum	1959 - 78	49.5	9.0	11.8	9.3	7	2.6	****		
Grape	1967 - 78						8.9	9.4	.7	.5
Oat	1956-78	43.5	4.0	19.3	63.0	0	13.4	****		.2
Orange	1958-78	40.0	18.5	20.7	5.3	.2	9.3	1.0	.5	1.0
	1962 - 78	12:5	****	****	100.0		****			
Pea, dry and green		34.7	4.4	20.2	23.2	0	15.8	.1	.3	1.5
Peach	1957 - 78	1	20.4		77.1		.2			2.5
Peanut	1962 - 78	41.8	0	48.3	5.0	.5	1.4	.7	2.1	1.0
Potato	1962 - 78		9.5	28.1	37.0	1.1	3.2	.4	19.6	1.6
Raisin	1961-78		****	100.0						
Rice	1958-78	2.6	.8	32.1	15.9	10.1	21.0	0	15.1	2.4
Safflower	1964-66	52.9	41.3	2.3		2.7			.9	
Soybean	1955 - 78	51.4	16.7	22.2	4.3	3.0	1.9	.1	.1	3
Sugarbeet	1965 - 78	15.7	4.6	25.0	16.4	20.6	8.2	4.3	3.1	2.1
Sugarcane	1967 - 78	21.4		51.9	11.3	2.5	10.8		1.9	
Sunflower	1976-78	25.6	22.0	15.0	22.0		13.8	13.4	7.0	3.3
Sweet corn	1978			98.8			1.2		1.00	0.4
Tobacco	1945-78	24.7	15.8	35.4	1.7	1.3	12.4		5.7	
Tomato	1963 - 78	19.5	11.3	51.0	15.9	5	.7	.6		2.5
Tung nut	1965 - 70	20.0			100.0	.0	.7	.3	.4	
Wheat	1939 - 78	43.7	16.3	6.0					****	
All crops	1939-78	40.8	11.3	16.4	12.6 13.8	2.6	8.1 7.0	4.3	4.6	1.5

Federal Crop Insurance Corporation.

POOTNOTES FOR TABLE 671

Data for 1978 are preliminary.

Number of farms on which the insured crop was planted, including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.

The insured's share of the planted area on the farm.

Less than 500 acres.

Includes a combination of commodities varying by counties.

Thousand of tons insured for raisins (not included in total of all commodities).

Federal Crop Insurance Corporation.

Table 671.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1974-781

		Cov	erage				Indemnities	
Commodity and year	County programs	Insured units 2	Area insured ³	Maximum insured production	Amount of premium	Number	Area in- demnified ³	Amount
Apple: 1974 1975 1976 1977 1978	Number 8 8 8 8 9	Number 588 494 434 475 657	1,000 acres 8 6 5 6 9	1,000 dollars 4,560 3,266 2,934 3,451 6,000	1,000 dollars 510 357 302 372 616	268 56 217 272 327	1,000 acres 4 1 3 4 5	1,000 dollars 754 64 416 715 650
larley: 1974 1975 1976 1976 1977 1978 Jean, dry edible:	192 199 199 199 209	8,646 9,523 9,789 15,952 12,914	521 606 642 1,208 850	11,472 16,135 21,367 40,707 28,907	844 1,153 1,515 3,087 2,099	2,176 1,399 2,056 2,493 801	135 80 107 194 53	1,29 1,23 1,98 3,04 83
1975 1976 1977 1977	36 36	3,272 3,085 2,734 2,192 2,364	100 95 86 67 75	6,869 8,241 8,211 6,502 7,683	442 514 486 390 456	78 423 312 293 215	13 11 10 8	5 42 32 39 38
Ditrus: 1974 1975 1976 1977 1977 1978 Combined crop: 5	27 28 25 25 25 25	5,419 4,866 4,415 3,914 3,576	88 87 80 72 80	25,714 26,628 24,671 22,449 25,348	2,602 2,630 2,287 2,165 2,298	749 503 2,213 285 13	16 14 49 7	1,10 98 6,09 60 4
1974 1975 1976 1977 1978	7 9 7 7	2,904 2,733 2,724 2,953 2,641	506 458 506 509 392	13,105 14,230 16,548 16,649 13,621	476 519 627 613 489	391 185 219 266 47	63 22 30 43 (4)	50 31 28 64 3
1974 1975 1976 1976 1976 1977	613 634 639 639 719	73,770 89,555 107,809 115,655 102,723	3,647 4,570 5,832 6,267 5,293	216,400 352,301 560,722 614,970 564,530	10,431 16,570 26,186 30,443 28,593	22,692 16,549 33,090 22,400 3,493	1,106 836 1,901 1,232 165	23,98 19,29 62,80 56,50 5,59
1974	262 264 259 259 265	9,374 6,909 7,641 7,263 7,128	592 438 657 715 618	52,888 53,956 86,713 90,090 76,732	3,055 3,017 4,499 5,802 5,241	3,406 3,278 2,847 1,032 1,420	227 226 301 87 130	6,83 9,71 16,05 2,72 4,64
1974	83 84 84 84 84	4,108 4,191 2,673 4,414 2,159	168 172 99 204 78	3,216 4,148 2,404 5,027 1,906	377 508 292 654 239	1,698 1,043 1,429 1,404 312	77 44 52 75 13	73 50 73 93 15
1978	3	44	1	46	4	15	5	1
1974 1975 1976 1977 1978	179 190 190 190 229	10,812 11,364 12,218 11,280 10,638	511 602 641 559 513	18,588 26,643 34,642 30,342 27,988	1,110 1,660 2,103 1,854 1,697	2,801 1,354 1,860 889 1,711	117 60 105 42 110	1,81 85 1,92 87 2,43
Grape: 1974	8 8 8 8	401 410 409 381 394	8 8 8 8 8	3,627 3,752 3,687 3,860 3,783	226 229 222 231 238	14 14 23 268 21	(4) (4) (*) (*) 6	2 2 3 88 4
1974	265	12,952 13,980 15,010 17,263 12,431	313 366 413 560 345	6,043 8,861 10,506 14,509 8,806	374 573 666 1,053 637	1,236 1,006 3,783 819 1,023	45 31 141 44 27	39 30 1,99 58 33
green: 1974	58 63 63	1,971 2,015 1,744 1,699 1,904	69 73 53 80 89	5,302 6,293 4,576 6,447 6,909	430 508 368 487 535	322 411 369 479 408	8 10 8 43 12	33 42 29 1,42 46

See footnotes on page 473.

Table 671.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1974-781—Continued

Commodity	-	Co	verage				Indemnities	
and year	County	Insured units 2	Area	Maximum insured production		Number	Area in- demnified ³	Amount
Peach: 1974 1975 1976 1977 1978 Peanut:	Number 19 17 17 17	Number 420 371 338 228 168	1	1,000 dollars 0 2,249 0 2,066 9 2,102 6 1,398 4 969	1,000 dollars 396 352 399 247 160	170 230 120 71 104	1,000 acres 5 7 3 1 2	1,000 dollars 502 183 124 347
1974	65 75 75 75 80	10,062 9,675 9,659 8,009 7,737	19 18 18 15 14	3 47,266 7 59,173 52,347	2,464 2,480 2,918 2,533 2,396	712 697 737 689 304	13 11 15 16 8	792 805 1,431 1,438 676
laisin:	3	19	1	436	21	0	0	0.0
1974	7 7 7 7 7 7 7	656 739 784 1,506 1,345	*25 *26 *30 *64 *56	6,849 8,171 20,602 18,929	161 204 229 658 605	0 10 242 2 459	(7) (11) (7) (21)	0 41 2,679 10 5,625
1975 1976 1977 1978 1978 1988 1988 19974	24 29 30 30 36	320 545 562 386 470	28 69 62 39 51	14 000	124 453 404 243 326	24 26 43 41 43	1 2 3 3 5	51 105 217 174 232
975	625 639 643 643 679	50,940 60,171 63,641 75,007 69,312	1,881 2,225 2,225 2,980 2,726	98,863 127,465 151,789 206,403 184,276	5,184 6,643 7,666 10,591 9,597	7,940 3,933 12,932 4,360 3,099	300 150 440 184 142	5,201 2,562 8,471 4,096 3,263
775	95 100 100 100 107	2,272 2,566 2,322 2,155 1,957	123 142 134 148 123	17,659 26,070 25,338 27,976 24,064	759 1,150 1,142 1,297 1,123	306 493 219 107 52	20 32 13 6 3	861 2,190 679 425 172
75	12 13 13 14 14 14	508 647 687 498 288	33 38 41 27 13	5,494 5,968 8,081 5,674 2,817	154 191 250 169 82	54 56 85 25 57	3 3 4 2 3	78 89 160 141 123
77	35	376 1,394 4,110	28 134 358	1,614 7,964 21,221	96 464 1,309	22 34 111	1 3 8	34 56 162
2001	2	114	6	483	31	12	1	18
	254 254 254 254 256	92,357 94,399 95,348 81,902 79,982	321 384 384 323 347	315,539 432,742 505,482 475,087 531,198	7,478 10,274 11,985 11,137 12,469	2,030 6,839 5,696 11,426 2,350	6 28 24 54	2,162 10,882 10,788 33,167 4,932
74	8 8 8 8 10	78 68 52 44 56	2 2 1 1 3	471 504 306 389 1,283	30 32 19 23 69	37 18 2 3 5	1 1 26 (4) (4)	70 62 3 19
974	732 748 748 749 771	96,706 103,304 106,418 112,556 96,229	9,486 10,364 11,458 11,341 9,398	284,257 382,855 429,920 429,944 376,800	16,337 23,343 26,163 27,281 22,401	13,239 8,117 16,998 19,426 8,241	1,487 733 1,707 2,499 667	20 15,834 11,968 24,627 39,990 10,814
974	3,574 3,678 3,684 3,686 4,010	388,536 421,610 447,787 467,126 421,360	18,605 20,896 23,551 25,405 21,530	1,148,811 1,570,494 1,982,116 2,090,917 1,995,476	53,964 73,360 90,824 101,794 93,731	60,343 46,640 85,514 67,084 24,643	3,636 2,304 4,944 4,555 1,376	63,336 63,329 142,240 148,999 42,037

Table 672.—Farm real estate debt: Amount outstanding by farming regions, Jan. 1, $1964-79^1$

						7	ře	a	r										Northe	east	Lake	States	Co	rn Belt		Norther Plains	n	Appalachian	South	east
	Ī		Ī	Ī				Ī	Ī	Ī	Ī							I										1,000 dollars		
964											*			*		 *			893,			6,596		753,557		1,612,78		1,124,143		21,41
965																			967,		1,97	5,315		268,180		1,893,04		1,255,613	1,14	43,01
966						 													1,067,	935	2,19	4,552	4.	733,371		2,132,36	17	1,413,936	1,2	64,11
967						 													1.158.	283	2.36	4.346	5.	130,393	П	2,333,77	76	1,553,069	1,3	94,11
968						 													1.237.	019	2.50	9,539	5.	707,600		2,663,68	18	1,709,758	1.5	30.58
969													Ī						1.321.	548	2.68	5,812	6.	321.121		3.022.88	56	1.862,779	1.6	58.51
970	-																		1.426.	304		5.050	6	877.534	ш	3.216.63	20	2,006,238	1.8	10.6
971																			1.510			7.778		962 910		3,330,85	ia I	2.102,622	1.9	12.5
972																			1.629			7.213		231.041		3,520,43		2.248.087		75.4
973	-	-		-															1.835			1.139		888,472		3,901,63		2.481.341		59.5
974	-	-																	2.182			0.632		003.827		4.408.70		2.907.534		83.8
975																	×		2,562			6.356		882.580		4.717.70		3.373.550	70.0	85.4
																	*					2.545		046.200		5.151.3		3,839,693		23.0
976	-	-																	2,752,										3,8	20.0
977																			2,851,			0,493		685,400		5,882,5		4,245,752	3,9	90,6
978 979					*			*	*	*	*	×	*	*	•		*		3,036,			0,125		847,091 075,388		6,718,84 7,465,18		4,780,254 5,362,426	4,4	71,4

		Y	HAZ			Delta States	Southern Plains	Mountain	Pacific	United States ³
					Ī	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1964						 937,331	1,715,623	1,657,381	2,277,763	16,803,505
1965						 1,065,544	1,985,475	1,880,689	2,445,464	18,894,240
1966						 1.217.870	2.231.294	2.124.793	2,788,474	21,186,886
1967						1.363,294	2.398.478	2.330.782	3.032.469	23,077,186
1968						1,500,675	2,629,660	2,519,122	3,113,519	25.142.401
1969						1,659,243	2.883.875	2,732,712	3.217.441	27,397,370
1970						1.798,655	3.042.914	2,895,357	3,443,265	29,182,766
1971						1.871.531	3 131 099	3,018,002	3,623,050	30,346,083
1972						1 977 419	3 280 792	3 200 982	3 855 991	32,207,666
1973						9 197 906	3 714 996	3 569 419	4 954 778	35,787,754
1974						9.450 145	4 314 397	4 036 787	4 982 602	41 252 820
1975						0.706.505	4 016 005	4 979 704	5,002,002 5,002,701	46 999 410
1976						2,120,000	8,910,925	4,010,194	6 149 999	\$1,000,040
	****					2,983,769	0,400,134	4,923,119	0,143,332	51,066,946
1977						3,297,990	5,715,707	5,409,803	6,938,440	00,009,040
1978				 	 	 3,637,498	6,024,358	5,962,949	7,794,321	63,641,066
19792				 	 * *	 4,019,057	6,480,914	6,509,082	9,452,924	72,232,194

¹States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhod Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigar Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota South Dakota, Nebraska, and Kansas; Appalschian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California.

³ Preliminary.

³ Includes Alaska and Hawaii.

Economics, Statistics, and Cooperatives Service - Economics.

Table 673.—Farm real estate debt: Amount outstanding by lender, United States, Jan. 1, 1964-79

Year	Federal land banks 1	Farmers Home Admin- istration ²	Life insurance companies 3	All operating banks 4	Individuals and others	Total farm mortgage debt
	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars	1,000 dollars	1.000 dollars
1964	3.281.797	1,171,373	3,780,537	2.136,571	6,433,227	16,803,50
1965	3.686,755	1.284.913	4.287.671	2.416.634	7.218.267	18,894,24
1966		1.497.313	4.801.677	2.607.404	8.040,265	21,186,88
1967		1,663,067	5,213,587	2,770,010	8,516,000	23,077,18
1968	5,563,204	1,844,046	5,539,600	3,060,551	9,135,000	25,142,40
1969	6,061,229	2,054,382	5,763,500	3,333,259	10,165,000	27,397,37
1970	6.671.222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,76
1971	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,08
1972	7,879,753	2,618,131	5,564,300	4,218,482	11,927,000	32,207,66
1973	9,050,067	2,835,202	5,643,300	4,792,185	13,437,000	35,757,75
1974	10,901,352	3,013,440	5,964,800	5,458,278	15,915,000	41,252,87
1975	13,402,441	3,214,657	6,297,400	5,966,282	17,407,639	46,288,41
1976		3,368,747	6.726,000	6,296,286	18,728,193	51,068,94
1977		3,657,467	7,400,200	6,781,410	20,265,990	56,559,64
1978		3,982,054	8,819,400	7,780,261	21,668,689	63,641,56
1979*		4.121.038	10,168,430	8,556,542	24,767,000	72,232,19

See footnotes on page 477.

Table 674.—Farm real estate debt: Amount outstanding, by States, Jan. 1, 1960, 1965, 1970, 1975, 1978, and 1979

State	1960	1965	1970	1975	1978	19791
	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars
Ala	157,733	251,621	402.451	634,856	825,778	986,744
Alaska	991	2,535	2,706 293,473	4,286	3,373	3,168
Ariz		196,238	293,473	397,295	488,518	523,959
Ark		449,175	721,809	1,089,211	1,485,180	1,614,564
alif		1,704,724	2,353,445	3,904,386	5,264,661	6,428,015
Colo		397,669 32,213	651,534	1,087,265	1,508,308	1,634,029
Del	13.581	22,277	38,426 40,525	73,857 76,017	74,307	76,549 92,694
la		419,076	614,323	1,267,807	83,516 1,523,806	1,785,850
3a		339,129	584,717	1.148.839	1,554,890	1,710,136
lawaii		11,554	17,460	61,615	74,543	79,560
daho	238,527	386,156	579,894	875,069	1,237,964	1,329,931
		956,337	1,504,747	2,190,726	3,488,968	4,125,278
Ind	433,558	691,412	1:089.451	1.656.518	2,521,945	2,727,961
lowa		1,345,602	2,184,660	3,140,923	4,629,473	5,281,340
Kans		584,847	1,025,935	1,544,233	2,239,318	2,474,134
Ку		372,290	599,255	982,396	1,424,631	1,619,098
		232,683	452,362	714,120	978,809	1,138,078
Maine	24,072	36,019	58,369	93,976	117,895	120,606
Md. ²		132,042	225,290	376,938	438,539	490,720
Mass		27,630	38,944	71,216	74,369	84,514
Minn		456,411 904,065	666,770	1,066,812	1,442,561	1,693,928
Miss		383,686	1,325,479	1,997,148 923,264	2,886,440	3,430,919
Mo		684,037	624,484 1,038,771	1,600,503	1,173,509 2,284,649	1,266,418 2,576,640
Mont		364,405	632,912	976,233	1,331,025	457,246
Nebr		625,436	1,099,564	1,596,989	2,316,618	2.612.46
Nev		70,296	85,036	123,122	173,993	195,430
N.H		11,663	18,210	32,721	43,395	41.034
N.J		80,641	114,558	211,405	238,541	245,790
N. Mex	132,700	196,046	278,392	377,923	497,450	549,485
N.Y		285,843	407,812	759,288	883,545	926,988
N.C		292,387	446,287	779,765	1,125,725	1,275,478
N. Dak		307,276	520,291	750,006	1,058,776	1,198,000
Ohio		590,792	859,905	1,293,910	1,922,056	2,364,179
Okla		483,647	774,171	1,295,517	1,748,456	1,896,760
Oreg		361,868	510,214	834,542	1,180,856	1,411,76
RJ		284,538 2,983	403,832	724,620 5,581	918,820	1,029,225
S.C		133,187	209,163	413,913	5,543 566,954	5,790 612,578
S. Dak	227,266	375,485	570,839	826,477	1,104,129	1.180.556
Tenn	199,354	330,363	543,688	906,253	1,275,207	1,404,554
Tex		1,501,828	2.268,743	3,621,406	4,275,902	4,584,154
Utah	90,364	114,459	139,354	195,380	263,650	314,376
Vt	37,152	51,965	76,769	137,258	158,315	162,754
Va		209,361	345,604	584,888	787,777	872,833
Wash	242,673	378,872	579,606	947,793	1,348,804	1,613,146
W. Va		51,212	71,404	120,246	166,914	190,464
Wis		614,839	852,801	1,452,396	1,961,124	2,287,690
Wyo	94,667	155,420	234,762	341,917	462,041	504,618
U.S	12,082,409	18,894,240	29,182,766	46,288,819	63,641,566	72,232,19

¹ Preliminary. ² Includes District of Columbia.

Economics, Statistics, and Cooperatives Service - Economics.

POOTNOTES POR TABLE 673

¹ Includes regular mortgages, purchase-money mortgages, and sales contracts.
² Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.
³ Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbooks," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only.
⁴ Includes all operating commercial, savings, and private banks.
⁵ Estimated by ESCS.
⁶ Preliminary.

Table 675.—Farm real estate debt: Amount outstanding by lender, by States, Jan. 1, 1978 and 1979

ite	Federal la	nd banks 3	Life in	urance mies ²	Adminis	s Home tration ⁵	All b	enks	Individu	
	1978	1979	19783	19794	1978	1979	1978	1979	1978	19794
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
	327,074	383,552	53,300	69,199	84,541	82,445	191,634	225,814	169,229	225,734
ka .	2,115	1,976	0	0	409	251 35,534	849	941 11,389		
	62,783	70,424	139,800	145,865	33,224	35,534	13,160	11,389	239,551	260,747
	371,735	417,699	334,200	382,573	126,306	123,093	284,674	297,305	368,265	393,894
	1,326,957	1,544,788	1,295,900	1,501,843	36,068	39,272	245,616	322,271	2,360,100	3,019,841
	607,632	685,700	302,300	297,227	73,110	75,620	39,748	47,004	485,518	528,478
		45,259 44,733	1,300	730 1,300	3,896	4,482	3,602	2,861	21,962	23,217
	37,700 647,085	713.337	316,700	376,162	6,891 36,079	8,033	20,204	20,204	17,421	18,424
	803,592	874,667	165,300	169,134	80,203	38,739 88,002	148,107 333,293	156,286 348,232	375,835 172,502	501,326
nii	50.050	54,203	10,900	11.134	7,154	7,161	6,439	7,068	172,002	230,101
D	523,209	554,641	172,900	194,694	148,840	154,719	14,439	13,804	378,576	412,073
	1,245,497	1.549,653	464,200	575,103	117,515	128,719	520,659	609,419	1,141,097	1,262,381
	804,878	786,911	271,000	349,564	90,484	96,487	509,934	559,458	845,649	935,531
	1.245,075	1.509.745	628,000	739,680	166,408	175,499	330.094	356,321	2.259.896	2,500,095
	917,868	1,038,026	388,800	415,395	138,509	149,666	202,975	217,362	591,166	653,685
		516,428	93,800	117,694	113,914	117,361	404,311	433,650	381,164	433,962
	366,261	441,192	222,400	257,271	59.848	62.846	157,652	192,106	172,648	184,663
ie .		30,897	6,500	7,710	53,734	53,771	9,039	8,847	18,327	19,383
		188,462	8,400	16,970	18,695	21,782	70,203	77,349	176,024	186,157
		31,116	1,900	9,418	3,306	4.244	13,712	13,324	24,973	26,412
	524,591	611,325	50,400	61,695	72,116	79.244	197,826	218,517	597,628	723,147
		1.053,760	292,100	336,921	163,676	167,166	254,405	281,891	1,314,996	1,591,181
	373,095	409,484	247,100	311,979	128,185	113,080	225,065	217,885	200,064	213,987
		743,183	287,700	365,769	193,193	197.522	460,531	522,110	676,186	748,056
t	493,521	531,337	193,000	228,324	90,622	95,806	27,725	29,071	526,157	572,712
		917,559	494,300	558,333	182,228	191,607	96,392	96,387	767,418	848,577
	51,502	58,677	54,800	63,114	7,668	9,133	2.274	1.650	57,749	62,859
		15,702	8,600	5,574	3,664	3,972	8,253	7,799	7,552	7,987
***	100,232	100,734	5,200	5,538	10,973	12,252	16,299	15,762	105,432	111,504
ex	162,192	178,693	86,800	99,198	34,035	36,494	24,066	27,899	190,357	207,201
	337,314	362,619	14,900	18,250	72,062	80,777	126,471	130,615	316,498	334,724
	615,843	719,106	92,200	106,823	111,491	116,219	104,697	103,926	201,494	229,404
ak	493,671	574,823	45,400	56,174	185,574	182,480	67,730	89,951	266,401	294,574
		956,667	135,200	183,506	47,713	54,224	432,006	448,863	651,657	720,920
		700,142	196,200	210,379	171,259	174,844	213,283	234,076	562,976	577,319
	336,467	396,910	203,800	206,986	51,862	59,662	16,791	16,391	571,936	731,815
		310,741	27,200	31,997	48,729	52,647	305,374	346,082	272,090	287,758
	1111111	4,106	0		309	322	907	936	403	426
	402,239	430,980	17,700	16,707	56,667	59,091	46,652	47,514	43,696	58,286
ak .		452,739	99,600	109,482	228,880	237,330	44,210	47,882	301,266	333,126
١.,	395,110	425,688	44,800	56,979	105,970	107,035	334,649	365,505	394,678	449,351
	1,276,689	1,405,614	749,100	841,963	195,888	191,709	443,547	493,157	1,610,678	1,651,711
	95,589	118,907	14,200	23,271	38,510	38,909	19,102	28,527	96,249	104,764
	66,076	55,438	100	173	29,229	30,621	26,478	27,534	46,322	48,989
	346,316	382,937	33,200	39,666	41,900	46,141	137,464	143,484	228,897	260,603
h		453,753	339,900	375,284	77,964	81,268	39,527	45,970	513,365	656,870
a .		35,440	5,000	5,935	22,491	24,867	75,194	85,823	33,727	38,399
	463,901	580,509	85,400	91,041	166,133	163,945	497,457	546,818	748,233	905,382
		148,202	117,300	118,704	43,909	44,946	15,542	13,502	164,691	179,264
S.	21,391,162	24,619,184	8,819,400	10,168,430	3,982,055	4,121,038	7,780,261	8,556,542	21,668,689	24,767,000

<sup>Includes mortgages in process of foreclosure.
Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.
Revised.
Preliminary.
Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.

Estimated by ESCS, USDA.
Includes Destrict of Columbia.</sup>

Table 676.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1977-791

		Farm	real estate	loans			Nonreal	estate far	m loans	
State and Territory	19	77	19	78	19794	19	77	19	78	19794
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000	1.000	1,000	1,000	1.000	1,000	1,000	1,000	1.000	1,000
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
Ala	161,193	181,821	191,634	201,355	225,814	231,615	292,233	276,059	280,263	309,488
Alaska	712	460	849	1,006	941	41	568	34	67	50
Ariz	4,244	16,161	13,160	11,206	11,389	269,926	266,992	294,814	282,387	363,835
rk	230,484	270,170	284,674	293,825	297,302	305,841	400,080	372,565	433,973	404,96
alif	203,487	215,345	245,616	289,882	322,271	1,860,203	2,040,198	2,019,538	2,191,886	2,292,30
onn	37,632 5,764	40,104 6,540	39,748 3,602	36,452 4,689	47,004 2,861	654,920 11,754	701,698 8,905	689,976 16,898	716,372 9,683	728,130
Del	16,614	18,914	20,204	21,667	20,204	7,194	11,902	12,623	12,642	16,11 11,54
la	121,206	138,516	148,107	151.382	156,286	160,846	156,465	168,023	154,559	173,06
la	314,757	343,551	333,293	339,130	348,232	272,840	348,352	302,892	309,621	312,06
ławaii	3,147	8,288	6,439	6,931	7,068	14,025	12,557	15,368	14,407	16,39
daho	14,014	14,462	14,439	12,580	13,804	401,985	412,486	384,207	403,222	358,11
11	445,210	485,155	520,659	553,603	609,419	1,598,136	1,731,267	1.816.611	1 904 539	2,092,290
nd	434,038	479,356	509,934	536,695	559,458	643,642	744 078	759,506	812,118	872,14
owa	283,895	311,980	330,094	343,081	356,321	2,422,757 1,551,874	2,592,319 1,602,965 382,750	759,506 2,784,269 1,661,805	812,118 2,687,128 1,707,257	3,029,84
Kans	163,730	187,245 381,535 145,727	202,975	211,238 433,648	217,362 433,650	1,551,874	1,602,965	1,661,805	1,707,257	1,799,77
Ку	351,064	381,535	404,311	433,648		355,195 187,695	382,750	396,642	419,184	426,56
A	134,929	145,727	404,311 157,652 9,039	182,017	192,106	187,695	202,770	232,358	280,153	261,00
Maine	7,335	9,489	9,039	8,779 77,910	8,847	16,229	13,177	18,674	13,215	15,33
Mass	66,419 23,614	70,820 12,090	70,203 13,712	13,363	77,349 13,324	54,680 9,183	59,741 11,008	59,514 10,386	60,562 23,590	58,71
Mich	172,005	185,849	197,826	212,078	218,517	334,038	387,710	377,522	407,804	54,78 395,20
Minn	225,269	242,405	254,405	268,843	281,891	1.202,664	1,335,958	1.337,507	1.488,447	1.575.44
Miss	199,360	212,206	225,065	222,052	217,885	244,474	281,293	284,848	291,066	270,47
Mo	381,126	427,807	460,531	501,618	522,110	896,596	982,387	996,548	1.053,152	1.104.81
Mont	23,605	25,578	27,725	28,622	29,071	450,600	478,860	463,659	490,326	476,60
Nebr	81,377	94,176	96,392	98,669	96,387	1,755,772	1,900,023	1,882,940	1,893,708	1,999,29
Nev	1,780	- 2,317	2,274	1,430	1,650	15,340	19,193	23,771	19.532	20,16
N.H	7,534	7,659	8,253	8,273	7,799	3,333	2,860	2,813	3,194	3,15
N.J	14,227	13,458	16,299	17,769	15,762	9,680	13,784	11,014	14,000	11,38
N. Mex	23,856	25,744	24,066	26,833	27,899	169,882	185,841	170,032	183,682	180,60
N.Y	117,739	123,707	126,471	131,811	130,615	308,151	349,560	357,945 253,211	352,233	395,62
N.C	109,683	114,708	104,697	106,540	103,926	215,184	334,923	253,211	332,817	238,08
N. Dak	71,589 376,627	80,071	67,730	85,943 453,062	89,951	586,652	613,194	576,374	617,533	647,34
Okla		408,617	432,006	403,002	448,863	347,070 871,796	408,357	409,638	439,024	453,57
Oreg	192,407 24,407	203,560 15,820	213,283 16,791	226,145 15,782	234,076 16,391	227,814	910,341 259,123	977,615 241,959	983,137 279,191	1,060,91 261,07
Pa	260,133	282,771	305,374	322,816	346,082	248,170	253,356	275,657	285,883	319,47
R.I	901	809	907	837	936	105	239	313	340	16
S.C	40,395	45,419	46,652	50,198	47,514	63,394	94,763	73,268	86,910	72,26
S. Dak	35,699	42,761	44,210	47,015	47,882	716,747	762,945	792,695	827,262	895,41
Tenn	300,417	325,764	334,649	354,024	365,505	246,784	295,780	295,808	312,527	309,23
Tex	383,642	426,455	443,547	491,976	493,157	1,815,923	1,999,341	1,923,992		2,205,76
Utah	15,677	19,726	19,102	23,332	28,527	101,795	107,051	107,544	104,834	106,03
Vt	23,661	24,891	26,478	26,581	27,534	18,736	20,600	20,252	20,948	21,37
Va	123,850	131,676	137,464	138,204	143,484	149,057	183,060	169,494	188,251	176,14
Wash	35,345	34,286	39,527	41,065	45,970	423,341	505,724	476,838	556,736	512,32
W. Va Wis	67,655 433,980	68,474	75,194	79,502	85,823	28,778	32,298	33,396	34,748	32,23
Wyo	13,974	469,684 15,437	497,457 15,542	527,478 15,343	546,818 13,502	576,954 223,601	644,018 238,562	660,121 219,290	713,215 230,370	726,75 205,32
U.S	6,781,410	7,409,564	7,780,261	8,254,511	8,556,539		25,643,660			28,272,83
P.R	7,423	2,781	1,489	1,640	2,072	9,569	134,570	9,658	45,265	40,41
Other pos-	1,923	4,101	1,489	1,040	2,012	9,000	134,570	8,008	40,260	40,41
sessions 3	0	0	0	0	0	43	57	41	0	1
Total	6.788.833	7.412.345	7.781.750	8.256,151			25,778,287	25,718,525		28,313,25

¹Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower.

²Includes District of Columbia.

³Mariana Islands, Samoa (American), and Virgin Islands.

⁴Preliminary.

Economics, Statistics, and Cooperatives Service - Economics. Data from Federal Deposit Insurance Corporation.

Table 677. — Nonreal estate farm loans: Amount outstanding Jan. 1 and loans made during the year, by specified lender, United States and Territories, 1964-791

Commodity Credit Corporation 13		Leans to coopera- tives held by CCC		7,000 dollars 1,001,508 1,200,538 1,200,538 1,200,638 1,200,63 1,007,38 1,007,38 1,007,38 1,008,89 1,0
Commod		Loans to farmers held by OCC		1,000 dollary dollary 1,006,445 11,166,746 11,167,581 2,670,724 2,670,724 2,670,724 2,670,724 2,670,724 3,881,308 318,512 3,670,733 3,677,733 3,777,733 3,77
tion *	Loans to others	Telephones	+	1,000 64,773 64,773 64,773 681,044 619,126 603,969 773,216 812,562 877,430 978,684 1,018,684 1,018,684 1,789,156 1,7
Administra	Loans t	Electric 11		1,000 dollars 227,183 228,728 226,864 277,575 277,575 277,575 277,575 286,434 286,434 286,597 286,597 286,597 286,686 313,322 318,686
Rural Electrification Administration	operatives	Telephone 10 Electric 11		1,000 961/km 981,486 982,770 389,869 381,215 381,215 381,746 471,467 611,869 607,681 607,681 607,681 607,681 607,681 607,681 607,681 607,681 607,681 607,681
Rural	Loans to cooperatives	Electric*		1,000 dollary 2,2,890,173 3,174,697 3,376,290 3,376,290 3,376,296 4,047,624 4,017,624 6,162,049 6,162,049 6,162,049 6,162,049 6,162,049 7,1694,823
istration		Economic oppor- tunity loans?	Outstanding Jan.	A.000 dollars dollars 66,589 70,184 1,991 31,518 17
Farmers Home Administration	To individuals	Emergency loans ^e	Outst	47,000 dollars 57,746 65,774 77,488 90,794 70,551 71,947 71,947 71,947 71,296 71,206 7
Farmers	-	Operating loans *		1,000 dollars 542,987 588,902 689,081 662,689 662,146 663,113 777,712 777,712 777,712 1,033,648 1,033,648
pervised by tration		Banks for coopera- tives ⁵		1,000 dollars 640,122 947,826 1,299,819 1,731,972 2,013,491 2,203,491 2,203,491 2,203,491 3,978,861 3,978,861 6,217,025
Banks and associations supervised by Farm Credit Administration	Federal	credit banks: Loans to, and discounts for other financing institu-tions 3		1,000 dollars 129-292 131,751 146,091 162,473 183,100 222,096 222,096 222,096 222,096 222,096 233,207 333,207 333,207 342,833 346,425 346,425 346,425 346,425 346,436
Banks and a		Production credit associa- tions 3 4		1,000 dollary 2,2286,246 3,042,33 3,650,97 3,650,97 4,532,205 6,115,224 6,550,025 6,550,025 10,223,06 10,223,06 10,223,005 10,233,005 10,233,00
		All operating banks 2		1,000 dollars 6 668,334 7,000,632 9,283,160 9,734,286 10,339,795 111,115,109 11,117,839 11,117,83 11,117,8
		Year		1964 1965 1966 1966 1970 1971 1972 1974 1976 1977 1977

-	1,000 60/lars 62,570 51,727 61,736 61,332 69,513 80,519 86,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210 160,210
	1,000 dollars 15,023 30,170 6,525 30,965 4,890 7,459 6,389 21,606 8,477 45,389 40,243
	1,000 dollars 29,482 32,482 31,986 42,990 43,877 46,855 56,841 56,4133 102,790 106,566 106,566 107,296
	1,000 dollars 247,186 286,504 334,840 379,462 379,462 386,623 386,623 386,623 386,623 386,623 386,623 386,623 486,238 709,873 681,623 719,873
year	1,000 dollurs 30,411 29,134 15,221 5,246 3,548 3,548 1,345
Made during year	1,000 dollars 54,887 77,414 106,527 96,162 125,979 129,921 186,996 491,921 186,996 491,921 186,996 3,544,863 3,554,465
	1,000 dollars 287,096 282,860 302,468 283,226 283,226 281,296 471,796 471,796 654,218 556,238 851,208
	1,000 dollary 1,165,513 1,166,213 1,664,844 1,664,844 1,942,213 2,730,146 6,386,350 6,386,350 6,386,350 6,375,911 6,977,911 6,977,911 6,977,911 6,977,911 6,977,911 6,977,911
	1,000 dollars 275,716 286,518 381,000 386,584 640,676 640,654 692,747 685,691 879,070 776,416 883,299 849,423
	1,000 dollary 4,138,519 4,813,178 6,002,307 7,077,381 10,437,381 10,437,381 16,002,551 16,002,551 16,002,551 16,002,551 16,27,51
	1964 1965 1967 1967 1971 1972 1973 1973 1976 1976

Real estate mortgages or deeds of trust are taken as supplemental security for some

2 Excludes loans to individuals guaranteed by the Commodity Credit Corporation of extificates of interest in pool of notice.

2 Loans inside include renewals.

Loans include renewals.

Loans include renewals.

Loans quality of the Corporation of the Corporation of the Corporation of the Corporation of the Corporation.

Excludes basiness loans secured by CCC documents.

Sexcludes loans secured by CCC documents.

Sexcludes loans secured by CPC for the Corporation of the Corporation of

*Economic opportunity loans are made to farm and nonfarm rural residents. Through June 30, 1871, more than one one half of the economic opportunity loans were made to farmers. Loan program were made to 1871.

*I found "continued in 1871, and the seconomic opportunity loans were made to farmers. Loan I for the standards are cumulative net advances minus principal repayments; loans "after set action to be individual served by these cooperatives are farmers. Properturing classical year 1871, includes Rural Relephone Bank loans.

*I Frincipally loans to public bodies and to power companies.

*I Frincipally loans to public bodies and to power companies.

*I found we commercial desployee companies by CCC. Excludes pooled leans against which certificates of interest were issued and also loans guaranteed by CCC held by other leading agencies.

Table 678.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions, Jan. 1, 1964-792

Year	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lachian	South- east	Delta States	South- ern Plains	Moun- tain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
964	5.3	4.9	5.2	5.1	5.5	5.7	5.8	5.3	5.3	5.5	5.
965	5.3	5.0	5.2	5.2	5.6	5.8	5.8	5.4	5.3	5.4	5.4
966	5.3	5.0	5.3	5.2	5.6	5.8	5.8 5.8	5.4	5.4	5.5	5.4
967	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.5 5.6	5.
968	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.6	5.
969	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.
970	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.
971	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.
972	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	5.9	6.1	6.
973	6.6	6.1	6.1	5.9	6.5	6.7	6.3	6.0	6.1	6.2	6.
974	6.9	6.4	6.4	6.2	6.9	7.1	6.6	6.5	6.3	6.4	6.
975	7.1	6.8	6.7	6.6	7.3	7.5	7.0	6.8	6.7	6.7	6.
976	7.3	6.8	7.1	6.7	7.6	7.9	7.2	6.8	6.9	6.9	7.
977	7.3	7.1	7.2	7.1	7.5	7.7	7.3	7.1	7.1	7.2	7.
978	7.3	7.2	7.3	7.2	7.4	7.7	7.5	6.9	7.2	7.4	7.
9793	7.6	7.4	7.8	7.6	7.9	8.0	7.9	7.6	7.6	7.8	7.

For States included in regions, see footnote 1, table 672.
 Contract rates. Excludes Alaska and Hawaii.
 Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 679.—Farm real estate debt: Interest charges payable on debt outstanding, by farming regions, 1964-782

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1.000 dollars	1.000 dollars
964	49,352	93,409	208,219	89,829	65,920	62,490
965	54,321	104,055	236,168	104,403	75,645	69,710
966	60,000	115,048	261,121	117,043	84,358	77,61
967	65,396 70,596	124,382	292,006	133,227	97,509	87,15
969	77,615	134,298 143,364	331,720 367,845	155,034 175,039	102,867 114,410	97,44 108,69
970	85,927	157,595	393,629	189,439	125,676	120.18
971	94,863	170.683	422,508	203,442	138,141	132.68
972	113.063	202,849	454,757	217,899	151,297	146,59
1973	135,958	235,930	527,437	253,343	179,583	181.03
1974	167,337	283,294	617,131	292,038	220,519	231,11
1975	161,165	322,692	719,937	327,925	266,815	280,00
976	173,699	362,192	847,501	382,137	305,241	305,07
1977	216,426	420,765	999,130	449,256	336,602	326,83
19783	234,659	499,725	1,212,413	522,791	389,368	375,97
	234,659					
1978 ³	234,659	499,725 Delta States	1,212,413 Southern Plains	522,791 Mountain	389,368 Pacific	United States
Year		Delta States	Southern Plains	Mountain	Pacific	United States
Year 1964		Delta States 1,000 dollars 57,868	Southern Plains 1,000 dollars 101,693	Mountain 1,000 dollars 94,185	Pacific	United States
Year 1964		Delta States 1,000 dollars 57,868 66,186	Southern Plains 1,000 dollars 101,693 113,963	Mountain 1,000 dollars 94,185 107,730	Pacific 1,000 dollars 128,597 142,273	United States 1,000 dollars 951,57
Year 1964		Delta States 1,000 dollars 57,868 66,186 74,887	Southern Plains 1,000 dollars 101,693 113,963 126,636	Mountain 1,000 dollars 94,185 107,730 120,995	Pacific 1,000 dollars 128,597 142,273 159,237	United States 4 1,000 dollars 951,57 1,075,32 1,197,92
Year 1964		Delta States 1,000 dollars 57,868 66,186 74,887 84,628	3,000 dollars 101,693 113,963 126,636 140,751	Mountain 1,000 dollars 94,185 107,730 120,995 133,475	Pacific 1.000 dollars 128,597 142,273 159,237 170,042	United States 951,57 1,000 dollars 951,57 1,075,32 1,197,92
Year 1964		Delta States 1,000 dollars 57,868 66,186 74,887	Southern Plains 1,000 dollars 101,693 113,963 126,636	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,065	Pacific 1.000 dollars 128,597 142,273 159,237 170,042 177,676	United States 4 1,000 dollars 951,57 1,075,32 1,197,92 1,324,65 1,472,04
Year 1964		Delta States 1,000 dollars 57,868 66,186 74,887 84,628 95,946 109,289 119,192	Southern Plains 1,000 dollars 101,683 113,963 126,636 140,751 158,206 175,609 189,547	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,065 161,115 173,905	Pacific 1.000 dollars 128,597 142,273 159,237 170,042	United States 951,57 1,000 dollars 951,57 1,075,32 1,197,92 1,324,65 1,472,04 1,624,82
Year 1964		Delta States 1,000 dollars 57,868 66,186 74,887 84,628 95,946 109,289 119,192 126,688	Southern Plains 1,000 dollars 101,693 113,963 126,636 140,751 158,206 175,609 189,547 203,362	Mountain 1,000 dollars 94,185 107,730 120,995 133,47,065 161,115 173,905 187,612	Pacific 1,000 dollars 128,597 142,273 159,237 170,042 177,676 190,655 207,014 223,737	United States 1,000 dollars 951,57 1,075,32 1,197,92 1,324,65 1,472,04 1,624,82 1,763,47 1,905,43
Year 1964		Delta States 1,000 dollars 57,868 66,186 74,887 84,628 95,946 109,289 119,192 126,688 129,427	Southern Plains 1,000 dollars 101,683 113,963 126,636 140,751 158,206 175,609 189,547 203,362 206,585	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,085 161,115 173,908 187,612 203,442	Pacific 1.000 dollars 128,597 142,273 159,237 170,042 177,676 190,655 207,014 223,737 249,416	United States 1,000 dollars 951,57 1,075,32 1,197,92 1,324,65 1,472,04 1,624,82 1,783,47 1,905,43 2,077,97
Year 1964 1965 1966 1967 1969 1969 1970 1971 1972 1973		Delta States 1,000 dollars 57,868 66,186 674,887 84,628 95,946 109,289 119,192 126,688 129,427 149,471	Southern Plains 1,000 dollars 101,693 113,963 126,636 140,751 158,206 175,609 189,547 203,362 206,585 251,710	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,085 161,115 173,905 187,612 203,442 236,166	Pacific 1,000 dollars 128,597 142,273 159,237 170,042 177,676 190,655 207,014 223,737 249,416 250,827	United States 951.57 951.57 1.075.25 1.197.92 1.324.65 1.472.04 1.824.82 1.763.47 1.905.43 2.077.97 2.445.28
Year 1964		Delta States 1,000 dollars 57,968 66,186 74,887 8,628 95,946 109,289 119,192 126,688 129,427 149,471 175,694	Southern Plains 1,000 dollars 101,693 113,963 126,636 140,751 158,206 175,509 189,547 203,362 205,585 251,710 306,802	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,065 161,115 173,908 187,612 203,442 206,166 274,522	Pacific 1.000 dollars 128,597 142,273 159,237 170,042 177,676 190,655 207,014 223,737 249,416 290,827 349,627	United States 1,000 dollars 951,57 1,075,32 1,197,92 1,324,65 1,472,04 1,824,82 1,763,47 1,906,43 2,077,97 2,445,28
Year 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1974		Delta States 1,000 dollars 57,868 66,186 74,887 84,628 95,946 109,289 119,192 126,688 129,427 149,471 175,694 202,394	Southern Plains 1,000 dollars 101,693 113,963 126,636 140,751 158,206 175,609 189,547 203,362 205,585 251,710 306,802 353,428	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,065 161,115 173,905 187,612 203,442 206,166 274,522 317,188	Pacific 1,000 dollars 128,597 142,273 159,237 170,042 177,676 190,655 2071,014 223,737 249,416 290,827 349,440 404,468	United States 1,000 dollars 951,57 1,975,29 1,324,65 1,472,04 1,624,82 1,763,47 1,906,43 2,077,77 2,445,28 2,924,68 3,360,98
Year 1964		Delta States 1,000 dollars 57,968 66,186 74,887 8,628 95,946 109,289 119,192 126,688 129,427 149,471 175,694	Southern Plains 1,000 dollars 101,693 113,963 126,636 140,751 158,206 175,509 189,547 203,362 205,585 251,710 306,802	Mountain 1,000 dollars 94,185 107,730 120,995 133,475 147,065 161,115 173,908 187,612 203,442 206,166 274,522	Pacific 1.000 dollars 128,597 142,273 159,237 170,042 177,676 190,655 207,014 223,737 249,416 290,827 349,627	United States 1,000 dollars 951,57 1,075,32 1,197,92 1,324,65 1,472,04 1,626,43 2,077,97 2,445,22 2,924,68

¹ For States included in regions, see footnote 1, table 672. ² Estimated as payable during calendar year. ³ Preliminary. ⁴ Includes Alaska and Hawaii beginning 1965.

Table 680. - Interest rates: Selected series, United States, 1964-78

	Federal la	and banks	Produc- tion credit	Federal int		Banks for cooperatives		Prime	Federal Reserve
Year	Average rate on new loans 1	Bond rates 2	associa- tions, average cost of loans ³	Discount rates 4	Bond rates 2	Rates on loans 5	Bond rates 3	Prime commercia paper (4-6 months)* Percent 3.97 4.38 5.55 5.10 5.90 7.83 7.72	Bank discount rates, New York?
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1964	5.60	4.19	6.47	4.62	4.15	4.25-5.50	4.07	3.97	3.50-4.00
1965	5.60	4.31	6.58	4.87	4.46	4.25-5.75	4.49	4.38	4.00-4.50
1966	5.82	4.84 5.02	6.87	5.53 5.98	5.84	4.75-6.00	6.12	5.55	4.56
1967	6.02	5.02	7.29	5.98	5.16	5.25-6.00	5.60	5.10	4.00-4.50
1968	6.84	5.41	7.34	6.41	6.11	5.75-6.50	6.03	5.90	4.50-5.5
1969	7.82	6.21	7.79	7.23	7.85	6.25-8.50	8.23	7.83	5.50-6.0
1970	8.68	6.97	8.98	8.46	7.41	7.00-9.00	6.99	7.72	5.50-6.0
1971	7.86	6.45 6.38	7.28	6.33	5.53	5.25-7.50	5.57	5.11	4.50-5.5
1972	7.42	6.38	7.02	6.00	5.57	4.75-7.25	5.34	4.69	4.5
1973	7.48	6.59 7.36	8.09	7.31	7.85	5.50-9.50	8.75	8.15	5.00-7.5
1974	8.14	7.36	9.43	8.78	8.65	8.50-10.50	9.01	9.87	7.75-8.0
1975	8.69	7.60	8.91	8.14	6.88	7.25-10.50	7.03	6.33	6.00-7.7
1976	8.66	7.51	8.24	7.36	6.40	7.25-8.75	6.14	5.35	5.25-6.0
1977	8.39 8.32	7.37 7.68	7.88 8.83	6.94 8.06	6.53 8.15	6.50-8.00 7.25-9.00	6.76 8.66	5.60 7.99	5.25-6.0 6.50-9.5

Economics, Statistics, and Cooperatives Service - Economics and Farm Credit Administration.

Table 681. - Nonreal estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1964-79

64	Debt ow	ed to reporti	ng instituti	ions (excludi	ing CCC)			Price-sup-		
Year	All operating banks	Production credit as- sociation	Federal inter- mediate credit banks ¹	Farmers Home Admin- istration	Total	Debts owed to individuals and others	Total excluding CCC loans	port and storage loans made or guaranteed by CCC ²	Total including CCC loans	
	Million	Million	Million	Million	Million	Million	Million	Million	Million	
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	
	6,652	2,106	126	594	9,477	6,180	15,657	1,926	17,583	
965	6,990	2,278	125	644	10,036	6,330	16,366	1,543	17,909	
966	7,676	2,579	140	717	11,112	6,950	18,062	1,408	19,470	
967	8,534	3,016	157	738	12,444	7,350	19,794	1,157	20,951	
968	9,272	3,518	176	798	13,764	7,070	20,834	1,420	22,254	
969	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058	
970	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844	
971	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138	
972	12,498	6,078	237	771	19,584	5,060	24,644	2,262	26,906	
973	14,315	6,607	251	781	21,954	5,840	27,794	1,793	29,587	
1974	17,167	7,829	331	877	26,204	5,930	32,134	750	32,884	
975	18,238	9,519	374	1,044	29,176	6,050	35,226	319	35,545	
976	20,160	10,773	350	1,772	33,056	6,350	39,406	358	39,764	
977	23,283	12,233	368	1,877	37,761	7,300	45,061	1,012	46,073	
1978	25,709	13,506	374	3,141	42,732	8,410	51,142	4,489	55,631	
19793	28,273	15,016	509	5,779	49,577	10,420	59,997	5,242	65,239	

¹Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.

²Weighted average net cost to banks of bonds outstanding at end of year.

³Rate represents interest (less patronage refunds), service fees, cost of record searches, and filling and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

⁴Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

⁵Excludes rates on loans secured by CCC documents.

⁶Board of Governors of the Federal Reserve System. Annual averages of prevailing open-market rates in New York City.

City.

Board of Governors of the Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

¹Loans to and discounts for livestock loan companies and agricultural credit corporations.

²Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

³Preliminary.

Economics, Statistics, and Cooperatives Service - Economics.

Table 682.—Farm Credit System: Lower and discounts made, United States, 1964-781

		Producti	on credit		
Year	Feder bans.	Production credit associations ²	Federal intermediate credit banks to other financing institutions	Banks for cooperatives	Total
1964 1968 1968 1967 1967 1968 1969 1970 1971 1971 1972 1973 1974 1975 1976 1976	1,000 dollars 998,081 1,235,154 1,337,250 1,267,596 1,101,322 1,165,895 1,016,820 1,555,008 2,251,038 3,284,680 4,243,479 4,411,268 4,700,861 5,730,118	1,000 dollars 3,705,156 4,135,519 4,813,178 5,422,751 6,062,907 7,077,351 8,276,680 9,421,290 10,438,649 13,038,446 14,398,388 16,062,551 18,327,314	2,000 dallars 275,796 295,518 381,080 386,584 499,768 504,533 621,430 640,654 692,747 856,691 879,070 766,416 830,269 849,423	1,000 dollars 1,165,513 1,316,229 1,664,844 1,743,449 1,802,226 2,476,077 2,730,148 3,360,733 6,388,930 8,372,547 8,977,911 10,820,401 12,276,751	1,000 dollars 6,144,544 6,982,420 8,166,355 8,825,370 9,366,222 10,689,992 12,390,987 14,347,100 16,743,184 23,588,767 23,588,767 30,148,144 34,678,844 39,004,122

¹ Includes Puerto Rico. ² Includes renewals.

Farm Credit Administration.

Table 683.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1964-791

		Productio	n credit		
Year	Federal land banks	Production credit associations	Other financing institutions	Banks for cooperatives	Net total
1964 1965 1966 1966 1967 1968 1969 1970 1971 1971 1972 1973 1974 1975 1976 1977	1,000 dollars 3,309,883 3,718,170 4,280,675 4,957,836 5,609,265 6,126,369 6,714,172 7,187,140 7,918,185 9,104,930 11,073,276 13,863,782 16,563,886 19,126,749 22,137,172	2,123,403 2,123,403 2,296,248 2,598,460 3,042,333 3,550,971 3,861,179 4,533,205 5,334,495 6,115,524 6,636,076 7,599,554 10,625,963 12,297,052 13,584,981	1,000 dollars 129,292 131,751 146,091 162,473 181,761 183,100 224,425 222,099 238,931 252,681 333,207 403,402 372,680 385,185 396,497	1,000 dollars 840,122 957,826 1,055,163 1,289,819 1,506,383 1,576,960 1,731,971 2,029,864 2,013,491 2,297,805 2,576,748 3,575,483 3,978,861 5,061,669 5,731,719	1,000 dollars 6,402,700 7,103,968 8,080,388 9,452,461 10,448,400 11,747,608 16,296,131 18,291,492 21,842,785 27,403,288 31,741,570 36,870,655 41,849,388

Includes Puerto Rico.

Farm Credit Administration.

Table 684. — Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1978 and outstanding Jan. 1, 1979, and number of associations, Jan. 1, 1979, by States

	Federal land bank		Federal land	l bank loans	
State and Territory	Jan. 1, 1979	Loans made	during 1978	Loans outstand	ing Jan. 1, 1979
Ala Alaska¹ Aris Aris Aris Calif Colo Conn¹ Del Fla Ga Hawaii Idaho III Ind Iowa Karas Ky Lu Maine Md	12 1 1 7 15 11 11 17 24 22 17 11 19 2	Number 2,007 33 72 1.384 2.594 1.580 150 160 1.082 2.998 1.084 2.752 3.982 2.938 1.811 1.209 77 513	1,000 dollars 117,233 1,662 17,716 107,138 403,367 165,146 13,073 11,496 143,958 174,479 6,381 80,462 493,032 493,032 494,797 244,796 161,203 138,127 4,573 4,573 4,573	Number 12,237 188 883 8,486 16,510 9,625 2,254 767 7,688 21,727 21,546 119,392 22,046 22,097 9,987 8,020 704 3,102	1,000 dollars 417,986 8,138 70,822 430,596 1,548,541 702,600 111,853 46,929 730,939 960,232 56,041 566,933 1,569,93 1,56
Man. Mich Minn Miss Mo Mo Mott Mott	12 20 12 13 10 11	2,899 3,812 1,154 2,569 832 2,337	202,268 331,579 98,294 180,379 83,988 230,876 14,645	16,751 24,612 9,717 17,789 7,937 18,136 528	667,50 1,076,99 428,45 755,52 536,64 932,36 59,14
N.H. I N.J. N.Mez N.Y. N.C. N.C. N.Dak Ohio Okla Oreg Pa	. 3 4 12 15 9 19 12 10	110 264 862 4,808 1,650 2,114 2,274 1,075 1,043	11,843 36,383 49,639 224,509 160,900 235,726 162,521 93,239 83,940	1,514 2,215 9,921 27,745 10,805 13,669 14,195 6,714 6,767	107,49 180,210 393,74 857,46 578,99 793,80 721,94 404,69 333,12
RI' SC S. Dak Tenm Term Utah Vt' Va Wash' W. Va Wyo	9 7 7 12 64 4 2 2 8 8	2,161 1,176 1,776 3,507 515 123 1,460 1,339 351 2,438 443	88,407 89,336 104,067 264,438 41,788 9,147 92,636 133,707 11,831 230,733 49,332	13,215 12,649 13,171 34,782 2,450 1,663 8,907 8,563 1,519 11,480 2,281	457,78 459,61 479,73 1,427,57 121,42 71,00 417,59 478,64 43,11 590,00 158,60
U.S	. 511	72,707	6,342,292	505,412	25,539,31
P.R	. 1	297	13,046	2,831	87,14
Total	. 512	73,004	6,355,338	508,243	25,626,46

¹New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Farm Credit Administration.

Table 685.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1979, loans made during 1978, and loans outstanding on specified dates, 1978 and 1979, by States

	ad Sand Strain	Wannia	3000	L	oans outstandin	g
State and Territory	Production credit associations Jan. 1, 1979	Members having outstanding loans	Loans made during 1978	19	78	1979
	52 11. 1, 1515	Jan. 1, 1979		Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1.000 dollars	1,000 dollars
Vla	8	4,763	243,283	182,269	179,889	179,745
\riz	3	788	319,973	114,280	133,654	137,832
Ark	14	7,953	579,506	298,492	357,315	346,212
Calif	22	10,819	2,161,649	1,041,323	1,130,880	1,266,369
olo	8	2,968	715,688	288,996	307,409	329,938
onn. 2		951	18,632	39,709	38,911	38,376
Del	1	806	23,849	26,060	27,764	27,834
la	9	5,061	307,126	361,771	350,377	378,112
la	20	11,116	535,640 19,360	537,717	540,713	508,111 15,460
daho	1 5	3,567	522,176	233,273	14,300 267,014	272,132
ll	17	9,953	840,375	499,115	482 155	540,582
nd	10	18,614	1,151,409	675,528	482,155 713,357	746,655
owa	16	9,275	1,655,326	682,104	672,868	775,710
Cans	14	3,856	781,143	318,023	315,681	343,609
(v		26.873	861.294	601,803	660,316	704,273
A	9 7	4,457	291,778	186,570	239,535	207,525
Maine	2	943	23,882 67,556	29,200 70,668	24.993	33,343
Md	5	2,766	67,556	70,668	76,794	79,176
Mans.2		943	17,490	28,879	30,454	29,009
Mich	8	8,122	371,693	226,984	253,471	268,564
dinn	16	11,587	1,061,122	529,475	594,550	624,226
dies	10	3,895	350,741	184,269	206,659	193,209
do	8	11,579	579,576	291,853	311,982	310,358
dont	11	3,896	473,025	264,214	282,098	262,007
lebr	14	6,883 289	997,088	456,871	450,410	457,214
Nev	1	280	69,422 4,850	29,632 9,456	38,960 9,391	37,832 9,178
N.J	4	1,132	28,000	44,480	45,529	41.927
N. Mex	1	965	190,521	90,510	100,198	91,898
V.Y	12	10,018	158,565	313,687	294,797	284,991
V.C	17	25,888	466,098	561,220	645,298	593,614
V. Dak	5	7.863	528,703	304.584	327,465	347,656
Ohio	11	28,602	960,854	664,235	723,743	767,856
Okla	14	4,601	592.413	255,384	269,600	310,872
Oreg	8	4,077	486,985	224,945	250,980	259,939
Pa	9	8,535	200,745	181,874	189,337	208,791
R.L.3		205	3,952	5,942	6,407	6,468
3.C	11	8,256	211,219	230,290	247,433	238,517
S. Dak	9	4,019	478,695	199,552	206,640	239,426
Tenn	9	29,748	755,904	573,315	615,205	640,837
lex	20	12,489	1,543,546	648,465	692,277	757,119
UtahVt. 2	3 2	1,185 1,218	210,999 15.657	89,684 37,172	94,598 35,148	102,345 34,843
Va	8	6.342	107,933	123.885	121.340	117.983
Wash	6	2.891	281,576	135,720	159,394	149,150
W. Va	2	1,442	15,367	14.562	15,812	16,566
Wis	17	17,387	928,533	570,432	625,576	681,410
Wyo	i	541	131,883	64,960	74,081	72,013
U.S	411	350,602	23,362,799	13,558,265	14,454,758	15,086,812
P.R	1	870	15,416	26,716	25,162	25,390
Total	412	351.472	23,378,215	13,584,981	14,479,920	15.112.205

Farm Credit Administration.

¹ Includes renewals.

² Amanachusetts and Rhode Island are served by the Production Credit Association in Connecticut; New Hampshire is served by association in Connecticut and Vermont.

Table 686.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1964-791

	Asse	ociation le	oans	Water	and wast	te loans	Rec	reation lo	ans	fico	tershed a d prevent nization l	ion
Year	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1975 1976 1977 1978 1979	Num- ber 416 574 1,181 1,276 836 (³)	1,000 dollars 57,138 95,374 190,346 234,911 161,112	1,000 dollars 38,343 80,279 163,390 289,142 486,334 647,369	Num- ber (2) 655 663 892 690 688 679 648 631 1,076 789	572,160 456,125 472,932 693,046 824,234	1,000 dollars (2) 636,252 764,581 868,968 1,1197,399 1,453,806 1,190,706 2,143,117 2,584,580 2,908,602	Num- ber (2) 104 29 18 1 (4) (4) (5)	1,000 dollars (2) 12,915 4,276 1,149 484 142 46 (1)	1,000 dollars (2) 91,232 97,240 98,646 103,514 98,641 100,640 98,954 98,954 91,140 87,753 *84,649	Num- ber 25 22 38 27 23 18 20 20 23 12 26 13 11 12	1,000 dollars 5,065 3,325 6,319 7,261 4,979 2,851 4,586 8,678 13,940 19,800 6,877 18,643 19,800 6,1,664	1,000 dollars 9,103 12,337 16,557 20,100 25,636 29,280 33,777 36,658 40,677 44,222 50,025 54,977 58,744 60,916 67,700
	and de	rce conser evelopme renewal	nt and		ess and in elopment		Commu	nity facili	ity loans		mic oppor to cooper	
Year	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1
1964 1965 1966 1968 1969 1970 1971 1973 1974 1975 1976 1977 1978 1979	Number 8 7 6 6 22 47 31 120 220 15 14 17 17 8 4	1,000 dollars 950 920 1,237 2,296 3,972 3,087 1,778 1,615 1,303 3,409 1,178 1,741 1,741 1,2388 1,006 1,137	1,000 dollars 670 1,387 2,031 4,413 7,724 9,246 10,790 11,991 12,531 12,855 13,842 14,457 11,764 12,147	Number 4 484 622 412 504 1168	1,169 246,012 408,435 391,703 377,619	757 8,661 11,201	Number 2 165 399 291 282 352		1,000 dollars 8,863 85,786 206,381 324,373 463,623	Number 259 320 442 234 56 7 13 (7)	1,000 dollars 3,437 3,525 4,592 5,587 2,469 467 1,033 (⁷)	1,000 dollars 2,57 6,26 9,80 13,07 15,65 15,42 14,42 14,42 11,39 8,56 6,89 6,12

¹Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

²Included in "Association loans" through 1968; data unavailable for reporting association loan types for the calendar year.

³Beginning in calendar year 1969, association loan funds were reported by project type.

⁴Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

⁵Funding for this program is no longer available.

⁸Latest data available as of September 30, 1978.

⁹Discontinued

Farmers Home Administration.

Table 687.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding.

United States and Territories, 1964-791

							Loan	cons to individual	luabs						
5	Pa	Farm ownership	dihi	8	Soil and water			Recreation		TA	Operating	-11		Emergency	
Tent	New bor- rowers	Loans	Out- stand- ing Jan. 1	New bor- rowers	Loans	Out- stand- ing Jan. 1	New bor- rowers	Lonns	Out- stand- ing Jan. 1	New bor- rowers	Loans	Out- stand- ing Jan. 1	New bor- rowers	Loans	Out- stand- ing Jan. 1
1964 1966 1966 1968 1970 1971 1971 1971 1971 1971 1971	Number 11,712 12,274 10,665 9,685 9,674 9,674 11,029 12,029 12,020 12,02	1,000 dollars 218,397 228,113 226,383 240,814 220,883 240,814 321,690 345,196 361,199 361,199 361,199 361,199 361,199 361,199 361,199 361,199 361,199 361,199 361,199	1,000 dollars 865,386 11,133,096 11,832,300 11,892,800 11,892,800 11,892,800 11,892,800 12,283,604 12,283,604 13,300,002 3,300,002 3,000,425 3,000,425	Number 650 650 650 650 1,009 1,411 1,411 3,722 3,722 3,641 2,534 2,534 2,534	1,000 dollars 4,339 3,319 8,319 5,356 8,613 5,044 5,509 3,631 6,645 6,483 85,189 83,189	1,000 dellars 22,147 21,944 21,339 22,732 22,086 32,712 32,712 30,541 31,104 77,284 130,084	Number 10 237 237 237 237 237 237 237 237 237 237	1,000 dollars 419 2,199 817 1,019 1,416 1,416 1,835 1,079 1,677	1,000 dollars 100 2,001 3,556 4,414 6,710 7,711 8,825 9,705 10,796	Number 23, 169 24, 822 24, 822 24, 822 25, 934 24, 178 25, 934 25, 938	1,000 dollary 286,841 286,841 280,860 280,960 280,996 280,996 280,996 586,998 586,998 586,998 586,998 586,998 586,998	1,000 dollars 682,987 682,987 627,884 682,890 682,890 680,388 680,388 680,388 680,388 680,388 680,388 617,777 777,782 922,560 922,560	Number 11,407 116,927 16,526 16,540 1	1,000 dellars 54,987 77,414 106,627 86,617 96,617 96,617 129,913 166,986 491,821 184,802 880,885 184,802 184,802 184,802 186,802 186,803 186,8	1,000 dollary 14,706 15,714 17,818 17,818 17,947 11

		FmI	HA LOANS	
	ine	Out- stand- ing Jan. 1	1,000 dollars	
,	Emergency ivestock loans	Loans	1,000 dollary 383,723 361,490 100,582 00,340	
	4	New bor- rowers	Number 2,706 2,839 1,038 315	
	sus.	Out- stand- ing Jan. 1	dollars	
	Economic mergency loans	Loans	dollars 662,267	
	еще	New bor- rowers	Number 6,400	
	unity	Out- stand- ing Jan. 1	1,000 27,461 27,461 26,580 60,580 61,967 82,647 31,513 31,513 12,556 8,281 8,281 8,281 8,281 8,281 8,281 8,281 8,281 8,281 8,281	
	individual loans	Loans	1,000 dollars 30,411 30,411 29,134 15,221 15,221 15,246 3,588 (3)	
	ind	New bor- rowers	Number 16,353 16,310 10,017 2,825 1,214 388 (3)	
N.	e, and	Out- stand- ing Jan. 1	1,000 (3) (3) (2) (2) (4,281 (5,780 (5,950 (7,997 (7,997 (7,997 (7,997) (7,997	
	Irrigation, drainage, and soil conservation	on, drainag	Loans	1,000 (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) (4) (6) (6) (7) (7) (7) (8) (8) (8) (8) (8) (8) (8) (8) (8) (8
	Irrigatio	New bor- rowers	Number (3) (3) (3) (4) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5	
tions	ion	Out- stand- ing Jan. 1	1,000 (3) (3) (3) (3) (3) (3) (3) (4) (4) (5) (4) (5) (5) (7) (7) (7) (8) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	
Loans to associations	Grazing association	Loans	1,000 (2) 11,889 (1) 11,789 (1) 1,789 (1) 1,789 (1) 1,789 (1) 1,789 (1) 1,789 (1) 1,789	
Loans	Grani	New bor- rowers	Number (2) 776 334 233 238 239 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
	pu	Out- stand- ing Jan. 1	1,000 dollars 4,703 4,703 8,910 16,864 23,109 33,123 45,658 150,945	
	Indian tribe land acquisition	Loans	1,000 dollars 5,000 5,000 1,490 2,850 8,716 8,716 8,716 11,063	
	India	New bor- rowers	Number 0 + 0 8 3 3 1 1 4 55	
	Year		1964 1866 1866 1867 1870 1871 1871 1871 1871 1878 1878	

Includes losses made directly by FmHA and those guaranteed by the Agency. Amounts of leans made represent obligations and include loans to new borrovers and subsequent leans to borrovers who received an initial lean in a prior year. Amounts outstanding are loan afformed by the Agency.

*Included in "Association loans" through 1966 isset table 666. Data unavailable for report-

ing association project types for the calendar year. ³ Discontinued. ⁴ Latest data available as of September 30, 1978.

Farmers Home Administration.

Table 688. — Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1964–791

	Rus	ral housing lo	ans	Farm	labor housing	g loans
Year	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
1964 1965 1966 1966 1967 1968 1970 1970 1971 1972 1973 1974 1978 1976 1976	Number 14,128 18,457 39,383 53,781 55,119 89,786 105,648 120,988 85,286 102,005 112,071 94,522 113,385 114,018	1,000 dollars 127,068 150,667 338,011 493,000 501,084 559,440 1,060,754 1,412,549 1,807,063 1,934,603 1,934,603 2,687,028 3,060,481	J.000 dollars 517,890 610,273 701,092 977,565 1,402,636 1,813,352 2,241,988 3,109,227 4,328,708 5,694,574 6,700,675 8,051,9075 11,083,704 12,596,004 14,495,475	Number 8 14 18 32 32 21 15 15 16 18 61 97 71 87	1,000 dollars 407 821 2,721 4,171 4,845 3,323 1,398 240 3,810 9,969 8,972 8,066 10,366 5,490 11,665	1,000 dollars 1,141 1,944 2,277 4,056 10,38 15,100 16,81 16,783 18,93 20,73 23,33 26,94 30,80 38,28 38,28 240,54;
	Rural	rental housin	ng loans		using site an nd developm	
Year	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
1964 1965 1966 1967 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976	Number 28 49 87 157 327 346 417 311 390 445 637 1,034 1,090	1,000 dollars 2,033 2,401 4,792 7,303 16,973 21,458 29,395 29,168 48,836 96,555 205,580 330,757 433,253 646,798	1,000 dollars 158 1,706 3,437 7,947 13,782 15,488 48,790 77,349 105,755 139,266 175,860 283,906 531,051 768,726	Number 10 26 17 14 9 6 5	1,000 dollars 470 1,738 1,693 2,181 1,787 1,531 954 2,098	1,000 dollars 13 1,73 2,24 2,38 3,36 4,52 4,78

¹Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

²Latest data available as of September 30, 1976.

Table 689.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1964-791

	Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
1964 1965 1966 1967 1968 1969 1970		1,000 dollars 122,929 147,222 133,330	1,000 dollars 392,523 455,111 522,790 *588,646 706,218 694,681 781,947 1,010,717	1,000 dollars 324,670 355,492 399,043 3701,173 800,165 882,279 950,024 1,019,147	1972 1973 1974 1975 1975 1976 1977 1978	1,000 dollars	1,000 dollars 928,696 1,148,266 1,306,431 1,991,100 2,109,854 2,721,034 2,900,182 3,028,524	1,000 dollars 1,084,798 1,149,536 1,283,396 1,595,386 1,678,007 2,340,633 2,831,537 3,188,501

See footnotes on page 491.

Farmers Home Administration.

Table 690.—Farmers' marketing, farm-supply, and related-service cooperatives: Number, memberships, and business, United States, 1964-75

Estimated memberships

Cooperatives²

			- peru					asciniancu in	ome	crembe			Estimated
Year ¹	Marke	t- Far	rm ply	Service ³	To	tal	Market- ing	Farm supply	Se	rvice ³	Tota	ı	service receipts 5
1964	Numb 5,30 5,19 5,07 4,92 4,77 4,83 5,06 4,86 4,86 4,86 4,65	6 3 4 2 6 2 9 2 3 2 14 2 17 2 17 2 17 2 10 2	nber 085 949 871 835 793 775 731 781 801 778 729 731	Number 193 186 178 176 181 167 152 156 155 146 146	88 88 77 77 77 77 77 77	mber ,583 ,329 ,125 ,940 ,747 ,790 ,995 ,797 ,854 ,755 ,645 ,535	1,000 members 3,791 3,636 3,299 3,225 3,141 3,103 3,106 3,134 3,118 3,111 3,126 2,812	1,000 members 3,251 3,154 3,166 3,187 3,190 3,222 3,028 2,991 2,988 2,972 2,972 2,972 3,066		1,000 embers 40 36 34 33 30 25 22 22 22 22 25 38	1,000 member 7,00 6,85 6,46 6,3 6,1 6,1 6,1 6,1 6,1 5,9	ers 82 26 02 46 64 55 58 47 28 05 23	Million dollars 316 325 318 316 351 391 414 462 503 658 745 855
Year!		м	arketi	ng volume			Farm supp	ly volume		84	market pply vo service	lum	
		Estim gross but		Estimate busine			timated business ?	Estimated ribusiness*		Estingross bu			imated net
1969			dollars 4,816 5,489 6,265 6,567 6,841 8,389 0,118 0,795 5,110 15,632 0,313 19,456	12 13 13 14 14 15 16 19 20	ioilars 1,516 2,198 2,900 3,189 3,421 1,816 5,802 3,463 9,573 5,944 1,937 9,837	Mill	ion dollars 4,495 4,805 5,314 5,565 5,643 5,986 6,749 7,396 8,841 11,395 13,416 15,554	Million dollars 2,91 3,06 3,33 3,54 3,61 3,67 4,74 5,91 7,76 8,66 9,41	10 15 15 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16		dollars 19,627 20,619 11,897 22,438 22,835 24,766 17,281 28,653 34,454 47,685 54,474 55,865	Mi	llion dollars 14,742 15,606 16,557 17,080 17,387 19,080 20,556 21,665 25,991 35,366 41,342 40,104

Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions.

Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative. Percentage of the services related to marketing and farm-supply activities.

Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Preliminary.

Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm-supply cooperatives unless the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Economics, Statistics, and Cooperatives Service -- Economics. Based on records from cooperatives reporting to the

POOTNOTES POR TABLE 689

Includes Puerto Rico.
 Seasonal loans, beginning 1967.
 Term loans, beginning 1967.

Table 691.—Farmers' cooperatives: Number of marketing, farm-supply, and relatedservice cooperatives and business volume, United States, 1973-74 and 1975-76 (preliminary)

	Cooperative	s handling	Gross t	ousiness	Net bus	iness 1
Item	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76
		2	1.000	1.000	1.000	1.000
Products marketed:	Number	Number	dollars	dollars	dollars	dollars
Beans and peas (dry edible)	46	53	175,993	137,738	140,985	116,023
Cotton and cotton products	494	519	1.145.027	1.186,478	873,963	959,807
Dairy products	631	579	8.068,197	9,576,989	7.221.972	8,480,086
Fruits and vegetables	436	436	3,378,815	3,894,774	2,387,498	2,860,587
Grain, soybeans, and soybean	400	400	0,010,010	0,0004,114	2001,400	2,000,001
meal and oil	2,540	2.599	15.574,889	17.449.303	9,645,767	10.633.612
Livestock and livestock products .	572	477	3,446,706	3.066.103	3,149,603	2.783.886
Nuts	50	41	497,491	555,094	497,491	555,094
Poultry products	167	151	930,748	944,995	815,194	807,290
	62	61	987,798	870,895	788,406	869,406
Rice	62	61	997,517	1.339.763	997,517	1.337.289
Sugar products	28	30				
Tobacco		177	297,505	291,364	297,508 30,927	291,364
Wool and mohair	164		30,927			21,176
Miscellaneous 2	83	82	100,768	121,733	96,964	121,733
Total farm products	84,817	34,840	35,632,381	39,456,405	26,943,792	29,837,358
Supplies purchased:						
Building materials	2.168	2.382	322,353	423.827	248.382	326,406
Containers	842	670	177,489	230.735	134,739	113,325
Farm machinery and equipment .	1.304	1.588	329,186	477.842	194,421	266,649
Feed	3,744	3.819	3.355,512	3,477,365	2.463.884	2,495,690
Fertilizer	3,865	3,949	2,523,575	4.241,770	1.588.853	2.284.020
Meats and groceries	486	486	128.234	162.715	95.616	108.134
Petroleum products	2.624	2.983	2.295.119	3.822.851	1,519,186	2.097.658
Seed	3,553	3.526	401.563	476.031	306,198	358,343
Sprays and dusts (farm chemicals)	3,328	3,597	615,545	1.054.517	385,957	627,790
Other supplies 4	4.224	4.432	1,246,632	1,185,980	826,791	733.666
Other supplies	4,224	4,432	1,246,632	1,150,950	525,791	733,666
Total farm supplies	35,554	35,538	11,395,208	15,553,633	7,764,027	9,411,688
Receipts for services:						
Trucking, cotton ginning, storage,						
grinding, locker plants,						
miscellaneous	34,586	34,911	5657,730	*855,277	5 657,730	\$ 855,277
Total business	37.755	37.535	47.685.319	55,865,315	35.365.549	40,104,317

¹Represents value at the first level at which cooperatives transact business for farmers. ²Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. ³Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or provides products, handling individual supplies, or provides marketing individual products, handling individual supplies, or provides plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified. ³Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Economics, Statistics, and Cooperatives Service—Cooperatives. Based on records from cooperatives reporting to the Service.

Table 692. - Farmers' cooperatives: Types, numbers, and memberships, United States

Туре	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply: Marketing the farm supply supply the farm supply Miscellaneous services to service.	1975-76	Number 24,658 22,731 3146	Number 2,811,858 3,056,071 38,450
Federal land bank associations Production credit associations Banks for cooperatives Rural credit unions Rural electric cooperatives Rural telephone cooperatives Rural telephone cooperatives Bunks Rural telephone cooperatives Rural telephone cooperative Rural telephone coop	June 30, 1977 June 30, 1977 June 30, 1977 Jan. 1, 1978 Jan. 1, 1977 Jan. 1, 1977	534 429 13 957 11 914 245	7 483,901 526,245 *3,436 1,625,733 127,664,666 805,335
Production: Dairy-herd-improvement associations 13	Jan. 1, 1977	1,028	33,75

See footnotes on page 496.

Table 693.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1973-74 and 1975-76 (preliminary)

State	Cooperat quartered	ives head- d in State	Cooperati business	ives doing in State !	Membershi	ps in State	Net bu	ainess ³
	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76	1973-74	1975-76
	Number	Number	Number	Number	Number	Number	1,000 dollars	1,000 dollars
Ma	71	98	84	111	80,000	101,689	331,428	511,84
Vlaska	17	1	2	1	350	15	3,648	11,46
irk	108	18 121	28 127	27 142	85,135 108,350	89,639 106,820	194,605	283,80
alif	293	277	306	292	91,925	85,285	825,669 32,996,793	812,61 33,922,34
olo	85	81	94	90	50,095	48,615	437,085	482.87
onn	11	8	19	15	8,375	5,065	113,113	108,88
kel	8	7	13	12	13,355	17,165	42,559	57,20
la	93	86 94	106	98	54,280	60,050	737,830	948,63
ia	19	18	101 21	107 21	169,865 2,385	154,488	567,305	843,52
daho	68	60	85	80	47,675	2,183 39,498	22,153	24,28 266,03
	307	279	324	296	316,900	308,519	323,212 2,136,149	2,661,15
nd	111	106	132	296 129	409,890	365,135	925,920	1.311.11
owa	462	447	494	474	371,790	326,981	2,820,230	2,989,54
Cans	268	261	287	279	201,445	204,716	1,615,583	1,675,20
y	100	82 100	95 114	91	204,835	232,389	379,340	360,73
faine	100	100	15	115	17,430 9,975	18,519 7,025	274,518 94,341	360,72
6d	39	37	50	45	44,380	59,765	345,946	95,83 382,14
fass	18	17	21	21	10,275	10,965	152,248	158,36
lich	146	141	162	158	124,805	137.946	914.926	1,068,20
finn	1,073	1,048	1,098	876	589,185	597,557	2,626,788	2,909,76
diss	138	133	153	147	126,030	118,593	666,756	501,34
font	156	146	178	172	248,045	239,717	906,220,	1,005,87
lont	225 340	226	235 369	225 360	81,440 262,095	73,752 246,065	241,378	316,22
lev	340	3	11	360	935	305	1,259,415 6,954	1,374,91
.н	7	7	14	14	3,765	6,202	52,740	57,47
J	36	33	44	40	16,965	16,221	211,463	177,30
. Mex	22	23	35	33	7,315	6,832	65,806	74,21
I.Y	285	247	294	256	139,370	140,718	1,508,506	1,472,13
.C	31 671	38 664	45 685	51	146,250	132,289	421,389	449,99
Ohio	202	199	216	556 212	262,450 216,545	201,387 213,547	1,123,438	1,216,59 1,500,48
Okla	154	151	168	164	140,665	132,462	689,284	736,03
)reg	72	66	90	82	57.070	54,655	570,753	663,84
h	105	98	124	117	77,830	76,805	804,221	957,10
Ц	1	1	3	4	920	865	11,497	15,15
S.C	22	21	31	30	40,915	63,957	130,572	170,25
Dak	321	314 103	337 123	294 118	175,275 151,505	168,723	614,030	647,11
enn	453	103	475	455	151,505 141,825	157,245 133,073	364,241 1,743,689	388,77 1,675,28
Jtah	43	39	48	444	27,535	19,919	239,008	288,12
/t	10	8	15	13	6,980	6,879	150,082	163,17
/a	117	114	135	128	179,735	190,125	529,080	511,57
Wash	149	138	167	157	102,930	76,669	917,124	1,169,16
W. Va	63	67	74	78	48,930	67,506	88,506	86,01
Wyo	511 31	494 29	529 37	483 35	420,955 11,285	372,891 8,673	1,838,411 42,855	2,103,58 65,74
United States .	7,755	7,535	******		6,105,260	5,906,104	35,255,284	40,047,80
Poreign			8	8	270	275	4110,265	456,51
Total	7,755	7,535			6,105,530	5,906,379	35,365,549	40,104,31

¹ Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

² Represents value at the first level at which cooperatives transact business for farmers.

³ Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

⁴ Sales outside the United States, and to domestic military installations.

Economics, Statistics, and Cooperatives Service - Economics.

Table 694.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1979¹

		Tot	al financir	ng .	000	nncing to perative ciations ³	Financ	ing by pur	pose	Miles	Con-
State and Territory	Bor- rowers		Non- finan		Bor-			Genera-	Con-	of line provided for by financing	sumers provided for by financing
		REA	With REA guaran- tee	Without REA guaran- tee 2	row-	Amount	Distri- bution	tion and transmis- sion 24	sumer facili- ties ⁸	imancing	itomocing
	Num-	1,000	1,000	1,000	Num-	1,000	1,000	1,000	1,000		
Ala	ber 27	dollars	dollars 265,553	dollars 23,900	ber 24	dollars 568,624	dollars 223,450	dollars	dollars 1.359	Miles 49,896	Number
Alaska .	15	293,153 456,682	130,584	34.941	13	619,229	205,932	357,797 415,186	1.089	7,506	375,816 105,943 63,979
Ariz	13	115,429	298,779	34,941 8,351	8	417,588	63,913	358,156	490	9,452	63,979
Ark	21	434,208	315,000	29,708	20	778,393	310,737	463,708	4,471	55,797	305.237
Calif	10	56,249	0	1,325	7	33,023	46,618	10,900	56	5,806 53,703	70,736
Colo	24	610,624	855,471	58,831	24	1,524,925	329,764	1,195,087	75	53,703	215,316
Del	1	19,826	0	3,150	1	22,976	21,645	1,328	0	2,987	27,14
Fla	18	318,940	9,000	54,555	16	382.283	328,260	51,716	2,519	42,476	381,85
3a	48		1,457,323	85,376	46	1,933,897	328,260 444,784	1,486,418	2,959	93,290	688,201
Hawaii .	0	0	0	0	0	0	0	0	0	0	. (
daho	10	83,058	0	5,983	10	89,041	74,060	13,784	1,197	10,596	38,821
ind	31 48	318,411 274,695	317,761 1,082,684	25,197 29,624	30 47	661,288 1,386,573	246,617 202,391	414,540 1,183,896	212 716	53,027	212,430 308,524
owa	57	482,267	132,738	37,267	54	650,672	256,415	395,460	397	47,929 63,957	176,79
Cans	37	348,202	8,031	7,542	54 36	363,769	257,196	106,164	415	68,227	153.61
Ку	29	657,440	769,702	168,996	28	1.596,137	371,068	1,223,911	1,159	68,915	485,92
A	20	304,881	629,000	50,874	18	976,258	242,482	742,096	177	39,007	289,199
Maine	4	15,547	0	632	4	16,179	12,191	3,944	44	1,735	12,28
Md	2	87,488	0	14,160	2	101,648	84,581	17,067	0	9,466	81,38
Mass Mich	15	240,073	226,715	9,606	15	476,394	148,807	327,114	473	28,198	185,81
Minn	53		1,362,207	35,150	51	1,989,622	382,781	1,603,453	4 346	99,797	386.78
Miss	29	348,346	209,913	27,698	27	584,582	294,279	290,984	694	67,580	386,78 427,73
Mo	49	751,484	175,871	64,400	48	991,720	428,785	562,149	4,346 694 821	103,766	464,31
Mont	26	143,823	0	3,151	26	146,974	128,029	18,717	228	38,580	81,57
Nebr	36	320,651	0	8,169	4	39,104	242,258	86,000	562	72,066	155,12
Nev	8	42,690	0	256	3	35,611	29,255	13,443	248	4,752	11,16
N.H	1 2	52,719	0	333	1 2 17	53,051	50,625	2,395 756	32	3,915	44,70
N.J N. Mex .	18	8,866	0	1,388 8,901	17	10,254	9,494	74,910	3,010	781 33,201	10,29
N.Y	6	17.746	ő	2,483	5	18 366	19.752	392	85	4 282	19,64
N.C	34	204,588 17,746 360,903	o o	54,996	29	213,355 18,366 415,004 1,831,341	135,569 19,752 367,832	43,432	4,635	4,282 59,898	486,38
N. Dak .	27	610,686	884,077	342.178	29 25	1,831,341	198.217	1,636,738	1.986	63,999	91,70
Ohio	29	246,962	45,610	368,927	28 27	655,257	194,794	466,487	218	36,816	230,16
Okla	29	489,257	108,701	33,796	27	631,453	386,959	242,119	2,676	84,671	325,86
Oreg	18 13	157,477	69,827	15,240	17	238,596 405,026	143,749 159,988	98,558	237 239	19,947	89,22
Pa	0	143,008	241,408	20,609	13	400,026	100,000	244,798	239	22,943	160,12
S.C	26	343,044	13,699	32,600	24	384.837	257,351	129,761	2.231	46,594	336,77
S. Dak .	34	281,837	11,978	4,479	24 34	298,294	210,196	87,217	881	61,717	110,62
Tenn	32	224,685	0	29,389	20	298,294 234,761	252,881	1,148	45	58,834	546,41
Tex	100	1,039,666	429,381	91,046	98	1.502.357	823,776	733,793	2,524	212,07€	838,94
Utah	6 2	45,916	0	2,677	6	48,594 42,525	27,062	21,407 18,345	124	4,658 2,545	16,19
Vt Va	20	41,071 240,979	0	1,454 35,751	19	276,537	23,277 260,140	15,923	903 667	33,949	15,14 240,46
Wash	23	138,266	0	10,656	11	111.793	140,532	8,138	252	18,886	80.76
W. Va	1	4,440	ő	0	1	4.440	4,435	0	5	688	4.31
Wis	31	348,347	343,966	14,088	30	706,310	142,593	561,999	1,809	38,302	155,84
Wyo	15	138,393	0	5,796	14	144,110	105,026	39,062	101	24,618	57,40
U.S	1,098	12,847,708	10,394,979	1,865,629	985	24,612,771	9,290,546	15,770,396	47,374	1,931,833	9,681,25
P.R	1	141,862	0	0	0	0	112,153	29,709	0	12,344	288.17
V.I	2	3,350	0	ő	ő	ő	2,691	659	ő	176	5,45
Total .	1,101	12,992,920	10 394 979	1 865 629	985	24,612,771	9,405,390	15,800,764	47,374	1,944,353	9,974,88

¹State totals represent data for borrowers incorporated within the State.

²Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing.

³Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$360,174,571; municipalities and other Government authorities, 36 borrowers, \$252,020,375; power companies, 26 borrowers, \$28,562,038.

^{\$28,562,038.}Includes \$10,394,979,000 in REA guarantee commitments made as of Jan. 1, 1979.

Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

Glacifications of Includes miles energized and consumers served, shown in table 695 and 696.

Table 695.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1978, by States and Territories

					Statistics for	borrowers is	n operation			
		As	of Jan. 1,	1979		C	alendar year	1978		
State and Territory	Total advances as of Jan. 1, 1979 23	Bor-	Miles ener-	Con- sumers	Kwhr.	Kwhr.	Kwhr.	Total rev-	monthly	rage y kwhr. mption nsumer
		rowers	gized ⁴	served 4	generated	chased 5	sales 6	enue 6	All con- sumers	Residential consumers?
	1,000	Num-		Num-	1,000	1,000	1.000	1,000	Kw	Kw
	dollars	ber	Miles	ber 329,910	kwhr	kwhr.	kwhr.	dollars	hr.	hr.
laska	261,531 353,390	26 14	50,597 6,880	329,910	767,802	6,545,851	4,883,890	172,533	1,218	1,00
riz	110,709	13	9,930	97,275 65 199	1,812,569 711,442	2 762 777	1,690,109 2,068,265	80,607 78,527	1,927 2,050	92 60
rk	386,142	21	9,930 54,361	65,199 255,608	1,987,872	2,762,777 7,207,029 569,414	3,205,855	130.385	1,072	85
dif	50,278	9	5,191	46,610	0	569,414	3,205,855 527,758	6,224	1.400	82
lo	529,440	24	51,207	206,144	1,912,085	8,044,217	3,624,148	123,800	1,538	72
nn	0	0	0	0	0	0	0	0	0	
	18,575 286,090	18	3,000	27,709	104,068	313,383	281,483	13,083	861	80
	372,593	46	40,192 93,178	334,837 607,750	1,688,938	4,591,186 13,141,244	3,997,326 7,239,462	204,500 326,561	1,060	82
waii	0.2,000	0	0	0	0	0	0	0.00,001	1,000	
ho	71,129	10	10,271	36,103	Ö	906,561	802,625	14,753	1.925	1,17
	284,907	30	52.082	197,811	988,553	3,599,599	2,997,247	135,539	1.250	96
	253,449 420,351	44 57	48,382 62,931	298,294	1,412,294	5,420,600	4,371,035	163.043	1,258	1,00
· · · · · ·	420,351 292,606		62,931	168,583	1,229,772	5,069,740 2,948,338	3,391,582	121,447 100,476	1,491	1,2
ns	626,479	36 28	63,814 67,819	133,891 410,173	643,397 7,730,373	2,948,338 15,300,897	2,225,458 12,274,538	312,957	1,485	82
	280,811	17	37,052	239,361	1,210,320	6,115,576	3,370,925	105,304	2,429 1,207	1,00
ine	14.045	4	1,624	11,933	31	90,456	80,450	4,354	569	32
	14,045 75,294	4 2	9,244	79,505	0	1,320,811	1,226,187	50,283	1.302	86
A88	0	0	0	0	0	0	0	0	0	
ch	205,533	15	27,529	171,412	382,907	1,950,556	1,252,998	67,936	622	50
nn	484,640	53	99,316	384,119	760,316	9,573,401	5,313,611	191,306 238,293	1,157	96
	328,021	29	70,035	405,375	1,252,040 4,542,392	7,780,655	6,142,283	238,293	1,369	9:
nt	704,122 131,547	47 26	102,840 39,297	399,027 78,173	4,042,392	1 981 767	6,329,093 1,260,822	201,728	1,151	1,0
br	291,086	36	69,664	146,627	ő	16,148,203 1,981,767 5,197,044	2,594,996	28,104 98,384	1,671	1,0
V	39,285	8	4,090	11,603	0	399,508	323,071	8,650	2,614	81
H	40,732	1	3,794	41,410	0	350,435	316,748	16,749	647	50
	7,694	2	759	9,573	0	73,480	63,001	2,838	765	66
Mex	177,875	18	33,200 3,707	104,502	367,555	2,923,390	1,800,426	67,212	1,483	44
Č	324,873	32	59,029	104,502 16,277 415,740	0	2,923,390 117,762 5,270,379	104,997 4,665,894	2,925 193,475	896 992	84
Dak	562,110	27	62,290	85,824	8,566,220	4,114,742	5,821,646	130,489	1.880	1,2
io	232,600	29	36,740	225,418	5,960,534	950,187	3,069,478	146,155	1,252	1,0
da	434,944	29	83,258 19,638	264,991	2,584,178	5.294,838	4.315.232	153,813	1,353	86
eg	144,518	17	19,638	87,455 143,871	0	2,566,945 3,126,553	2,357,424 1,390,380	36,473 59,735	2,378	1,30
	124,559	13	22,453	143,871	0	3,126,553	1,390,380	59,735	800	7:
I	0 0	0	40,000	0	0	0	0	0	0	
Dak	313,548 245,519	22 34	46,222 59,778	295,681 98,912	0	6,979,995 3,971,415	3,670,468	137,212 50,639	1,089	9:
nn	208,608	32	60 202	534,650	0	11.651.224	1,622,692 10,912,852	323,969	1,375	1,13
×	964,662	80	60,202 211,247	738,571	2.330,628	11,651,224 11,466,896	9,663,315	400.820	1.099	76
tah	41,763	6	4,553	16,004	35,274	820,840	9,663,315 772,545 135,955	16,514	4,240	
	25,567	2	2,515	14,636	0	153,994	135,955	7,140	812	8-
B	218,274	16	33,470	212,122	2,883	3,143,296	2,896,388	124,283	1,170	80
Va	128,834 4.364	23	18,814 673	76,970	496	2,406,863 28,308	2,185,763	29,099	2,725	1,60
is	314,991	31	38,394	3,795 152,282	2,983,051	3,090,926	23,546 2,284,250	1,301 81,775	523 1,058	45 81
yo	116,978	15	24,138	54,782	10,254	2,127,799	1,904,545	48,449	3,020	93
U.S	11,519,980	1,049	1,905,400	8,736,498	51,978,244	198,146,813	141,452,762	5,009,862	1,339	90
R	141,862	1	12,362	225,189	493,971	0	455,243	0	0	
L	430	2	97	853	0	0	0	0	0	

đ æ

1:

¹ State totals represent data for borrowers incorporated within the State.
2 Actual funds advanced out of REA loans approved, as shown in table 694.
3 Cumulative.
4 Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1979, there were 68 such borrowers with 25,498 miles energized and 144,296 consumers served.
5 Includes energy sold by one REA borrower to another.
5 Excludes energy soles and revenues of power sold by one REA borrower to another.
7 Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

Table 696.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1964-79

					Statistics f	or borrowers	in operation			
Year Total advances as of Jan. 1	advances as of	As of Jan. 1				During		Average monthly kwhr. consumption per consumer		
	Jan. 1'	Bor- rowers	Miles ener- gized ²	Con- sumers served ²	Kwhr. gener- ated	Kwhr. pur- chased ³	Kwhr.	Total revenue ³	All con- sumers	Residential consumers
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1976 1977 1978	1,000 dollars 4,330,973 4,593,153 4,909,826 5,182,750 6,251,147 6,251,549 6,655,111 7,059,553 7,522,195 8,070,542 8,755,257 9,508,607 10,143,415	Number 1,046 1,051 1,052 1,052 1,052 1,052 1,050 1,048 1,047 1,046 1,047 1,050 1,048 1,047	1,526,812 1,547,143 1,566,772 1,586,502 1,606,497 1,627,445 1,676,001 1,700,348 1,732,545 1,766,701 1,797,525 1,827,896 1,857,896	Number 5,237,912 5,386,088 5,541,478 5,652,844 5,966,017 5,986,140 6,196,967 6,442,332 6,747,698 7,076,249 7,457,123 8,017,654 8,311,779 8,630,818	1,000 kw-hr. 8,039,115 8,833,866 11,546,699 13,709,927 14,509,058 18,072,872 23,813,687 27,759,662 32,290,340 32,045,118 32,795,053 33,462,818 38,660,059 46,014,515 52,472,215	1,000 kw-hr. 36,906,633 39,104,323 42,824,994 45,399,786 50,917,031 56,031,381 60,478,441 70,610,260 79,235,190 84,520,287 91,874,602 172,168,925 186,347,607 198,146,813		1,000 dollars 802,431 846,520 911,545 977,067 1,069,686 1,168,306 1,309,464 1,482,254 1,680,718 1,912,502 2,316,436 2,971,882 3,556,049 4,212,317 5,009,862	Kwhr. 616 654 708 751 812 876 948 998 1,063 1,120 1,149 1,254 1,333	Kwhr. 456 479 518 543 593 644 687 711 775 793 804 866 911

Cumulative from organization, May 11, 1935.
 Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1979, there were 68 such borrowers with 25,498 miles energized and 144,296 consumers served.
 Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.
 Includes rural nonfarm and farm consumers.
 Actual funds advanced out of REA loans approved, as shown in table 694.

Rural Electrification Administration

FOOTNOTES FOR TABLE 692

¹ Economics, Statistics, and Cooperatives Service, U.S. Department of Agriculture.

² When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,840.

³ When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 5,538.

⁴ Includes trucking, storage, grinding, locker plant, and other services.

⁵ When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,911.

⁶ Farm Credit Administration.

⁷ Represents the number of Federal land bank loans outstanding as of June 30, 1977.

⁶ Cooperative associations borrowing from banks for cooperatives.

⁹ Credit Union National Association, Inc.

⁹ Rural Electrification Administration, U.S. Department of Agriculture.

¹⁹ Includes associations that are REA repaid borrowers.

¹⁰ Includes only memberships of associations financed by REA.

¹⁵ Science and Education Administration, U.S. Department of Agriculture.

Economics, Statistics, and Cooperatives Service - Cooperatives.

Table 697.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1964-78

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins 1	Total utility plant
wan were and	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars	1.000 dollars
1964	876.847	585,496	56,660	134,891	115,310	4.696.455
1965	937,986	637,367	58,950	141.547	116,382	4,978,735
1966	1,021,917	706,268	61,946	150,681	120,942	5.352,578
1967	1,106,139	777,279	64,639	158,721	125,194	5,776,334
1968	1,206,781	860,947	67.227	166,099	130,538	6,166,60
1969	1,337,017	968,228	71.451	176,651	140,066	6,592,78
1970	1,535,114	1.147,002	78,108	193,030	144,191	7,175,310
1971	1,766,495	1.343.836	84,346	209,488	156,972	7,708,27
1972	2.025.431	1,556,061	93,324	224,069	185,756	8,313,08
1973	2.337.744	1,823,131	102,730	240,241	220.841	9.043,26
1974	2.905.127	2.387.240	128,036	262,013	180,481	10,109,33
1975	3.887,688	3,257,727	181.127	291,742	210,682	11,845,11
1976	4,725,869	3.976,370	214.947	328,245	264,606	14.031.05
1977	5.802.326	4,878,108	291,138	371,491	340,311	17,265,84
1978	7.038,706	5.924.401	386,331	431.372	389,250	20,352,31

¹Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

Table 698.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 19781

Ariz 5,700 86 N.H Ark 67,250 99 N.J Calif 74,250 99 N.Mex Colo 28,550 98 N.Y Conn 3,950 99 N.C. Del 3,450 99 N.C. Fla 38,100 99 Ohio Ga 68,300 99 Okla Hawaii 3,700 90 Oreg	1,900 2,975 8,200 11,550 56,450 113,850 40,800	Percent ² 94 95 96 96 96 97 99
11	84,000 33,850 71,300 730 44,300 42,250 108,900 191,900	95 95 95 95 95 97 97 98 99 99 99 99

¹ Includes service from REA borrowers and all other suppliers. Estimated by REA.
² Percentage is of the total number of farms as estimated for 1978 by the Crop Reporting Board, ESCS. State figures are rounded to the nearest whole percentage.

Table 699.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1964-781

Year	Average monthly kwhr. used	Coet per kwhr.	Average monthly bill	Year	Average monthly kwhr. used	Cost per kwhr.	Average monthly bill	Year	Average monthly kwhr. used		Average monthly bill
1964 1965 1966 1967	Kwhr. 700 716 749 768 819	Cents 2.31 2.27 2.20 2.17 2.15	16.30 16.50 16.80	1969 1970 1971 1972 1973	Kwhr. 880 918 958 1,007 1,048	Cents 2.09 2.12 2.18 2.23 2.31	19.50 20.80 22.50	1974 1975 1976 1977 1978	Kwhr. 1,084 1,150 1,307 1,311 1,334	Cents 2.66 3.07 3.35 3.68 3.96	Dollars 28.80 35.30 43.80 48.10 53.20

¹Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 700.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1977 and 1978.

	Average monthl	y kwhr. used	Monthl	y bill	Cost per l	kwhr.
State	1977	1978	1977	1978	1977	1978
4	Kwhr	Kwhr.	Dollars	Dollars	Cents	Cents
la		1.090	40.70	43.60	3.70	4.00
riz		3,000	168.00	144.00	4.20	4.80
rk		1,200	50.40	52.80	4.20	44
alif	4.700	3,700	197.00	163.00	4.20	4.4
olo		1,400	49.50	49.00	3.30	3.5
onn		1,700	73.10	73.10	4.30	4.3
el		1,400	68.60	70.00	5.20	5.0
la		1,900	82.80	95.00	4.60	5.0
a		1,320	47.10	55.40	3.80	4.2
laho		2,000	62.50	52.00	2.50	2.6
d		1,160	45.10	54.50	4.10	4.7
wa		1,200	42.00 52.00	46.80 58.50	3.50	3.9
ans		1,100	44.00	49.50	4.00	4.3
y		980	27.90	35.30	3.10	4.5 3.6
a		1 950	31.90	37.50	2.90	3.0
faine	1,600	1,250 1,600	62.40	62.40	3.90	3.9
ld		1.380	52.80	63.50	4.00	4.6
lass		1,500	70.00	69.00	5.00	4.6
lich		1,090	46.20	52.30	4.20	4.8
linn	1,420	1,470	46.90	54.40	3.30	3.7
iss	1,140	1.110	44.50	47.70	3.90	4.3
0		890	32.30	38.30	3.80	4.3
ont	. 1,310	1,430	28.80	37.20	2.30	3.6
ebr	. 1,200	1,300	44.40	52.00	3.70	4.0
ev		2,000	88.00	80.00	4.00	4.0
.н		1,800	73.60	84.60	4.60	4.7
J		1,100	69.60	62.70	5.50	5.7
. Mex		900	50.60	45.00	4.40	5.0
Y		1,800	66.60	68.40	3.70	3.8
.C		1,070	38.80	43.90	3.70	4.1
Dak		1,200	34.40	38.40	3.10	3.2
hio		1,180	43.70	50.70	3.80	4.3
kla		910	33.50	39.10	3.90	4.3
reg		2,000	44.10	48.00	2.10	24
1		1,450	60.40	59.40	3.90	4.1
C		1,200	55.00	60.00	5.00	8.0
Dak	1,100	1,040	38.00	42.60	3.80	4.1
enn	1,020	1,050	25.50	40.10 30.40	3.30	3.4
ex	1,200	1,300	50.40	55.90	2.50 4.20	2.9
tah	1,400	1,200	46.20	44.40	3.40	4.3
t		2,200	90.30	94.60	4.40	4.3
		1.180	44.80	50.70	3.90	43
ash		2,500	40.00	40.00	1.60	1.6
. Va		810	28.90	31.60	3.70	3.9
in		1,680	60.80	67.20	3.90	4.0
уо		1,400	39.20	43.40	2.80	3.10
u.s	. 1,311	1,334	48.10	53.20	3.68	3.90

¹Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Table 701.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1964-78

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Deprecia- tion and amortization expense	Net income or margin 1	Total telephone plant ²
42 122	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
964	804	168,500	93,801	15,520	42,897	16,984	1.057,166
965	816	186,991	103,671	16,630	47,776	19,702	1.167,878
1966	814	215,112	117,848	17,900	53,653	26,543	1,298,51
1967	811	238,888	132,228	19,316	60,856	27,322	1,471,16
968	811	271,697	150,900	21,152	67,780	33,115	1,639,13
969	805	310,421	172,942	23,097	76,266	38,386	1,827,50
970	806	362,694	200,917	26,250	86,348	49,281	2,084,58
971	813	407,405	224,489	30,064	97,600	55,872	2,295,34
1972	822	464,764	256,688	33,752	110,586	62,879	2,569,30
1973	831	555,318	307,457	41,246 53,830	127,728	76,801	2,964,31
	848 858	659,732	366,052	66,202	146,475	91,261	3,422,38
	876	753,100 899,335	422,396 703,300	85,706	166,709 195,087	95,456	3,849,74
	896	1.086.604	854,119	101.996	232.251	112,397	4,373,73 5,073,93
1978 3	902	1,305,261	754,020	117,455	270,383	131,485 160,807	5,769,94

Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.
Investment in physical plant and related facilities.
Freliminary

Rural Electrification Administration.

Table 702.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1964-79

	Year		Total advances as of Jan. 1 1		Operating statistics as of Jan. 1				
	Tear	REA RTB	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	for year ending Dec. 31	
		1,000 dollars	1,000 dollars	Number	Number	Number	Number	1,000 dollars	
1964	**********	835,844	*******	784	10,603	1,523,406	1,762,244	168,50	
1965	**********	917,896		804	11,075	1,626,590	1,899,904	186,9	
966	*********	1,001,966	******	816	11,567	1,726,359	2,045,956	215,1	
967 968		1,088,721		814 811	12,220	1,825,861	2,195,346 2,369,153	238,8	
969		1,193,344		811	12,827 13,389	1,944,334 2,067,025	2,561,495	271,6 310,4	
970	***********	1.412.712		806	14.088	2,184,575	2,754,689	362.6	
971		1,553,050		809	15,448	2.334.511	2,988,849	407,4	
972		1.697,908	*******	813	15,460	2,428,868	3.157,109	464.	
973		1.820,970	17,492	822	16,300	2.574,814	3,423,892	555.3	
974		1.933,685	80,832	831	17,446	2,725,030	3,713,976	659.7	
975		2,070,171	207,379	848	19,580	2.919,113	4,084,393	753.	
976		2,211,707	334,737	858	20,045	3,045,292	4,355,445	899,	
977		2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,	
978	*********	2,526,906	515,020	895	23,475	3,599,069	5,388,071	21,305,	
979		2,674,893	3 660,210	902	26,270	3,877,060	5,925,460		

Cumulative from organization, Oct. 28, 1949.
 Preliminary, except total advances.
 Actual funds advanced out of loans approved, as shown in table 704.

Table 703.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1979, and revenues for 1978, by States and Territories 1

0	Total adva Jan. 1,		Operating a	tatistics as of	Jan. 1, 1979	Revenues for 12 months
State and Territory	REA	RTB	Borrowers reporting	Total subscribers	Telephones in service	ending Dec. 31, 1978 4
	1,000	1,000		1.31.4		1,000
Ala	dollars 80,928	dollars 31.083	Number 24	Number	Number	dollars
Alaska	18,696	15,717	24	107,862	156,687	32,656 22,110
Ariz	29.916	12.273	4	26,495 82,768	39,430 131,594	53,57
Ark	53,297 37,393	24,822	18	144,177	206,568	47,31
Calif	37,393 28,782	12,770	10	21,528	31,058	13,51
Conn	28,782	7,330	14	19,642	29,477	9,18
Del	0	ő	0	0	0	
Ma	36,342	13,566	8	70,470	116,126	34,27
3a	130,861	42,178	29	226,503	346,992	73,92
Hawaii	0	0	0	0	0	
daho	10,768 58,142	6.991	7 23	10,532 80,225	16,835	3,59
ind	62,310	11.517	29	81,597	130,902 125,587	25,18 21,15
lowa	88.951	4,577	78	152,879	239,376	44.49
Kans	106,286	15,127	33	122,912	191,414	43.91
Ky	109,067	24,376	16	152,789	216,298	38,35
Maine	53,092 15,972	15,802 5,472	19	71,965 43,795	107,912 63,565	26,12
Md	2.061	448	ı	2,748	4.312	13,55
Mass	784	520	i	1.844	2,700	56
Mich	45,265	4,203	24	74,342	108,615	20,88
Minn	144,644	25,278	62	225,686	332,889	66,96
Miss Mo	103,793	6,036 12,002	16	46,533	68,214	12,09
Mont	74.210	12,002	26 10	210,971	297,396 39,461	65,70 16,18
Nebr	44.692	6.364	28	54,941	81,433	17,19
Nev	2,763	2,655	4	3,875	6.383	2.82
N.H	4,084	2,755	4	7,464	12,387	3,44
N.J N. Mex	14,295 17,822	8,177	3	21,566	37,440	11,31
N.Y	27,131	16,186	5 25	5,285 87,020	8,007 129,021	2,31 26,52
N.C	120,435	16,652	18	181.418	283,182	49.58
N. Dak	100,380	6,207	13	61,217	101,640	22.55
Ohio	9,387	1,029	13	12,704	18.314	2,75
Okla Oreg	97,704 26,159	41,966	32	105,328	155,243	36,64
Pa	56,329	8,804 61,288	16 27	43,810 267,204	69,687 445,008	17,86 81.69
R.I	0	01,200	0	201,204	940,008	91,09
8.C	108,862	43,735	19	130,880	211.452	42.81
S. Dak	76,145	5,640	18	48,985	78,009	16,54
Tenn	117,242 229,997	36,157 31,311	21	160,535	241,761	39,17
Utah	12,577	1,877	53	270,906 8,070	420,879 11,810	113,73 2,76
Vt	3,057	1.393	4	6.034	9,651	2,45
Va	38,663	12,641	12	42,998	63,908	11,92
Wash	24,979	3,048	13	18,455	26,957	7,92
Wia	30,116 148,746	3,139 54,900	9 87	47,981 226,801	64,935 356,739	12,43 69,59
Wyo	7,746	1,562	7	6,640	10,431	3,83
U.S	2,650,940	660,210	900	3,823,146	5,847,685	1,284,24
Guam	13,953	0	1	12,780	19,301	4,90
	10,000	0	1	41,134	58,474	16,110
Total	2,674,893	660,210	902	3,877,060	5,925,460	1,305,26

¹ Preliminary, except total advances. State totals represent data for be ² Actual funds advanced out of loans approved, as shown in table 704. ³Cumulative. ⁴ Reported by 896 borrowers.

Table 704.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1979¹

		Total fin	ancing		Route	Subscribers	provided for l	by financing
State	Borrowers	REA loans	RTB loans	REA guarantee commit- ments	miles of line pro- vided for by financing (total)	Total	To receive initial service	To receive improved service
		1,000	1,000	1,000				
Ala	Number 24	dollars 93,620	dollars 46,812	dollars 19,387	Miles 19,255	Number 125,081	Number 105,269	Number 19.812
Alaska	6	20,335	23,341	8,090	3,291	31,011	22,184	8,827
Ariz	4	32,615	25,046	0	12,604	72,403	54,010	18,390
\rk	19	71,966	36,760	25,244	22,850	154,462	108,977	45,48
Calif	12 15	46,031	23,536 11,172	10,440	8,916	86,754	68,246	18,506
onn	15	34,181	11,172	0	8,051	23,067	13,052	10,030
Del	0	ŏ	0	0	0	0	ő	1
7la	9	37,663	26,096	49,958	11,431	88,045	74.639	13,400
3a	31	168,087	73,786	43,650	40,481	258,363	214,093	44,270
daho	0	0	0	0	0	0	0	
Il	7	15,108 62,379	3,481	0	3,113 18,879	12,253 98,533	9,065	3,186 65,767
nd	25 33	73,103	12,664	ő	13.417	93,296	47,717	45,57
owa	77	99,361	11,811	o o	28,201 39,768	135,480	26,977	108,500
Kans	33	73,103 99,361 131,542 163,222	33,121	0	39,768	126,119	42,154	83,96
(y	17	163,222	37,867	16,000	25,129	186,185	161,010	25,170
Maine	19	58,208 19,316	21,765 13,843	13,925 5,300	9,460 5,596	73,495 51,580	61,733 38,896	11,763
Md	1 1	2,061	605	. 0,000	298	3,531	2.261	1,270
Mass	î	1,835	520	Ö	123	2,203	2,261 1,655	546
Mich	26	51,424	20,309	5,600	10,163	85,790	41,909	43,88
Minn	63	159,223	34,147	10,239	50,277	229,592	128,204	101,38
Miss	16 28	59,669 126,588	6,036 34,833	5,200 11,470	9,473 46,498	51,354	42,515 110,703	8,83 76,78
Mont	11	90,157	0	11,4,0	21,665	187,483 29,370	24,664	4,70
Nebr	32	60,946	13,981	0	18,917	56,678	15,113	41.58
Nev	4 5	5,235	3,190	0	1,078	4,253	2,849	1,40
N.H	5	8,983	4,772	0	1,126	12,042	4,841	7,20
N. Mex	3 6	14,295 30,180	12,669	6,500	2,152 6,239	23,944 9,396	19,342 5,088	4,60
N.Y	28	37,837	29,569	23,645	11.004	112,820	29,888	82.93
N.C	20	144,821	28,307	8,500	22,387	171,343	153,440	17,90
N. Dak	13	111,740	6,648	0	30,287	61,102	35,065	26,03
Ohio	15	11,795	1,914	0	2,223 26,735	16,458	7,479	8,97
Okla Oreg	32 24	116,538 29,846	56,925 18,080	2,744	6,922	118,837 47,347	74,939 29,111	43,89 18,23
Pa	28	62,953	133,728	44,302	33,975	297,884	117.663	180,23
R.I	0	0	0	0	0	0	0	
5.C	19	135,403	63,086	7,885	20,293	153,051	135,420	17,63
S. Dak	18	86,485	10,770	0	24,980	51,928	23,182	28,74
Tenn Tex	21 59	164,982 291,954	47,649 59,564	14,358 30,531	24,238 77,487	179,788 288,888	152,555 214,066	27,23 74,82
Utah	6	16,550	2.663	30,531	2,258	9,929	8,358	1,57
Vt	4	3,887	4,523	0	741	7,101	4,487	2,61
Va	13	41,939	15,903	0	10,326	62,997	46,075	16,92
Wash	19	29,448	11,192	0	8,011	58,479	23,075	35,40
W. Va	10 92	38,399 168,846	3,326 79,017	5,250 23,700	7,336	50,754 241,304	31,430 108,199	19,32
Wyo	7	10,647	5,453	23,700	2,850	9,493	7,730	1,76
Guam	1	27,449	0,400	0	974	23,047	11,856	11,19
P.R	1	85,527	0	0	5,068	95,930	60,348	35,58
U.S	966	3,354,379	1,120,500	391,918	795,120	4,370,263	2,754,298	1,615,96

¹State totals represent data for borrowers incorporated within the State.

Table 705.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1977 and 1978.

fix 6 82 84 15.00 18 6 61 88 90 9.20 10 diff 74 73 98 98 11.10 12 dio 27 27 94 94 94 99.30 16 nm 4 4 399 99 99 970 11 nm 4 4 399 99 970 11 nm 35 35 35 91 92 1200 13 nm 64 64 92 93 11.60 13 aho 25 26 94 95 8.40 8 d 90 89 94 94 10.20 10 d 90 89 94 94 10.20 10 ams 72 72 72 94 95 8.20 8 ams 72 72	State	Number of telephon		Percentage of telephone	farms with service	Average mor	nthly local ne bill
8		1977	1978	1977	1978	1977	1978
8		Thousands	Thousands	Percent	Percent	Dollars	Dollars
Section Sect				84	87		11.9
Record R	3		6	82	84	15.00	15.0
10			61	88	90		10.2
1			73	98	98		12.0
1				94			10.9
1			4	99			11.0
1			3	97			10.4
113 114 96 97 10.40 11 1 90 89 94 94 10.20 16 1 128 125 98 98 98 8.40 11 1 105 107 89 91 90 90 11 1 17 17 94 95 11.50 11 1 17 17 17 94 95 11.50 11 1 17 17 17 94 95 11.50 11 1 17 17 10 96 97 97 8.50 11 1 13 111 97 97 97 9.30 15 1 124 123 91 94 9.50 15 1 124 123 91 94 9.50 15 1 1 3 3 3 94 95 8.50 15 1 8 8 8 98 98 10.70 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		35	35	91			13.0
113		64	64	92			12.0
128		20	26	94			8.
128 128 125 98 98 8.40 10 105 107 89 91 9.00 11 106 107 89 91 9.00 11 100 10 100				96			11.
105 107 89 91 9.00 10 10 10 10 10 10 10		90		94			10.
105				96			10.5
140 90 92 10.00 10 10 10 10 10 10		105	107	94			8.
17				89			
17				90			
sh 5 5 99 99 10.40 11 71 70 96 97 9.30 12 113 111 97 97 9.30 12 113 111 97 97 9.30 12 12 113 111 97 97 9.30 12			17	9/			
113				94			
113				96	97		9.1
124				97			9.
tt 222 22 22 93 94 8.00 5 r 655 65 96 96 96 8.50 9 2 2 2 99 90 90 8.60 96 8 8 8 98 98 98 10.40 11 6ex 10 10 74 75 11.50 11 556 55 98 98 90 10.80 11 102 104 87 90 90 9.60 11 103 102 104 87 90 9.60 11 103 103 102 94 94 10.80 11 1 1 98 98 96 10.00 11 1 1 98 98 98 11 1 1 1 98 98 11 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 98 98 11 1 1 1 1 98 98 11 1 1 1 1 98 98 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				97	97		
t 22				93			8
2 2 3 90 90 8.60 1 3 3 3 97 97 10.40 11 8 8 8 95 96 10.10 10 11 10 10 10 74 76 11.50 11 10 10 10 74 76 11.50 11 10 10 10 74 76 11.50 11 10 10 10 74 76 11.50 11 10 10 10 74 76 11.50 11 10 10 10 74 76 11.50 11 10 10 10 74 76 11.50 11 10 10 10 10 10 10 10 10 10 10 10 10	•		20	99			9.
2 2 3 90 90 8.60 1 3 3 3 97 97 10.40 11 8 8 8 95 96 10.10 10 16			85	96			9
Mex 8 8 98 98 10.10 11 Mex 10 10 74 76 11.50 12 Mex 102 104 87 90 9.60 13 Mex 38 38 91 92 9.80 14 Mex 79 78 92 92 92 8.20 9 Mex 32 32 35 95 95 95 860 9 Mex 39 39 87 90 10.80 11 1 1 96 96 96 8.20 9 Mex 39 39 87 90 10.80 11 1 1 96 96 96 8.20 1 Mak 41 40 93 93 93 90 10.80 11 Mak 41 40 93 83 83 83 10.00 10			9	90			8
dex 8 8 98 98 10.10 11 dex 10 10 74 76 11.50 12 dex 56 55 98 98 10.80 11 dex 102 104 87 90 9.60 16 lak 38 38 91 92 9.80 14 dex 79 78 92 92 92 8.20 9 dex 69 78 92 92 8.20 9 8 dex 69 69 96 96 96 8.60 9 dex 39 39 87 90 10.80 11 dex 41 40 93 93 93 90 10.80 dex 165 162 83 83 83 10.00 10 dex 13 13 94 94 8.70 9 <td></td> <td>3</td> <td>3 </td> <td>97</td> <td>97</td> <td></td> <td></td>		3	3	97	97		
dex 10 10 74 76 11.50 12.50 56 55 59 98 98 98 10.80 11 102 104 87 90 9.60 11 103 102 94 94 10.80 12 2 103 102 94 94 10.80 12 4 79 78 92 92 82 820 12 4 96 96 96 96 8.60 12 1 1 1 98 98 11.00 11 11 1 98 98 98 11.00 11 10 93 39 37 90 10.80 11 11 40 93 39 39 90 11 11 100 90 91 9.50 3 12 11 40 93 93 90 </td <td></td> <td></td> <td>8 </td> <td></td> <td></td> <td></td> <td>10.</td>			8				10.
102 104 87 90 9.60 12							12
bak 102 104 87 90 9,80 11 bak 38 38 91 92 9,80 12 0 103 102 94 94 94 10,80 11 a 79 78 92 92 92 80 10 g 69 69 69 96 96 8,60 3 1 1 1 98 96 8,20 6 a 1 1 98 96 11,00 11 a 39 39 87 90 10,80 11 a 101 100 90 91 9,50 1 a 165 162 83 83 10,00 10 b 13 13 94 94 8,70 3 b 57 57 97 97 97 10,50 1 sh <							12
Dak 38 38 91 92 9.80 11 0 103 102 94 94 10.80 11 1 79 78 92 92 8.20 1 2 32 32 95 95 86 86 1 3 9 39 39 87 90 10.80 11 1 1 96 98 11.00 11 10 101 100 90 91 9.50 9 1 13 13 94 94 8.70 9 13 13 94 94 8.70 9 13 13 94 94 8.70 9 1 7 7 7 97 97 10.50 14 1 35 35 37 92 92 10.30 11 1 1 36 35 36 89 9.90 10 1 1 36 35 35 97 97 97 9.50 10 1 35 35 37 97 97 97 9.60 10 <t< td=""><td></td><td></td><td></td><td>87</td><td></td><td></td><td>10.</td></t<>				87			10.
2							10.
a 79 78 92 92 8.20 8 g 32 32 95 95 95 8.60 9 e 69 69 96 96 96 8.20 8 l 1 1 98 96 96 10.80 11 ak 39 39 87 90 10.80 11 ak 41 40 93 93 93 900 11 n 101 100 90 91 9.50 9 1 h 13 13 94 94 8.70 9 h 57 57 92 92 10.30 11 ah 36 35 97 97 97 8.60 1 b 23 23 23 89 89 9.60 14 c 8 7 92 92 10.50 13					94		12
g 32 32 95 95 8.60 9 69 69 96 96 96 8.20 1 1 1 98 96 11.00 11 239 39 39 90 10.80 11 244 41 40 93 93 90 10 30 101 100 90 91 19.50 1 4 165 162 83 83 10.00 10 5 7 7 97 97 97 10.50 10 4 57 57 92 92 10.30 11 4 36 35 97 97 96 97 5 97 96 97 97 96 97 9 8 7 92 92 10.50 11		79	78		92		9.
69 69 96 96 820 1					95		9.
1 1 98 98 98 11.00 11 39 39 39 87 90 10.80 11 hk 41 40 93 93 93 9.00 16 n 101 100 90 91 9.50 16 h 133 13 94 94 94 8.70 3 7 7 7 97 97 97 10.50 11 hh 35 35 35 97 97 97 8.50 8 Va 223 23 88 89 99.60 16 yr 97 96 97 97 97 97.80 16 8 7 92 92 10.50 11					96		8.
ak 39 39 87 90 10.80 11 ak 41 40 93 93 93 9.00 11 n 101 100 90 91 9.50 3 h 133 13 94 94 8.70 9 r 7 7 97 97 97 10.50 14 h 35 35 97 97 97 8.80 1 va 23 23 23 89 89 9.60 14 va 97 96 97 97 96 97 97 960 14 p 97 96 97 97 980 14 p 97 96 97 97 980 14 p 98 9 90 14 10 10 10 p 97 97 97 980 14 <td>**********</td> <td>1</td> <td>1</td> <td>98</td> <td></td> <td></td> <td>11.</td>	**********	1	1	98			11.
101 100 90 91 9.50 1 105 165 162 83 83 10.00 11 13 13 94 94 8.70 1 13 13 94 94 10.50 11 10.50		39	39	87	90		11.
101 100 90 91 9.50 1 105 105 105 105 105 105 105 105 105	nk						10.
h 165 162 83 83 10.00 11 13 13 94 94 8.70 9 1 13 13 13 94 94 8.70 9 1 10.50 14 15 15 15 15 15 15 15 15 15 15 15 15 15	n			90	91	9.50	9.
7 7 97 97 10.50 14 57 57 57 92 92 10.30 11 th 35 35 97 97 8.50 1 vs 23 23 89 89 9.60 14 97 96 97 97 97 9.60 16				83	83	10.00	10.
7 7 97 97 10.50 14 57 57 57 92 92 10.30 11 th 35 35 35 97 97 8.50 1 4 23 23 89 89 9.60 14 97 96 97 97 97 9.60 16	h		13	94		8.70	9.
h 35 35 97 97 8.80 10 10 10 10 10 10 10 10 10 10 10 10 10			7	97	97	10.50	10.
Va		57		92			11.0
97 96 97 97 980 10.50 11	h						9.0
8 7 92 92 10.50 11		23					10.0
3 3000 3							10.
		8	7	92	92	10.50	12.
	J.S	2,491	2.482	92	93	9.62	10.

¹ Based on annual survey made in July and August, reporting data from the most recent bill—usually June or July. Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 706.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1964–1978

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
1964	Thousands 2,715 2,688 2,557 2,578 2,506 2,479 2,469 2,479	Percent 75 77 79 80 82 83 84 85	Dollars 4.87 4.98 5.08 5.15 5.30 5.55 5.72 5.96	1972	Thousands 2,459 2,454 2,474 2,494 2,505 2,491 2,482	Percent 86 87 88 90 92 92 93	Dollars 6.27 6.45 7.16 7.87 9.00 9.82 10.40

¹Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

CHAPTER XI

STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

Table 707. - Commodity Credit Corporation: Price support granted on 1977 crop, United States and Territories

	99.74	Through Se	pt. 30, 1978
Commodity	Unit	Quantity	Value
		Millions	Million dollars
Cotton, upland	Bale	4.5	941.5
Cotton, extra-long staple	do	(2)	18.1
Seed cotton, upland	Pound	13.2	5.6
Seed cotton, extra-long staple	do	.2	
Wheat	Bushel	601.5	1,392.6
Corn	do	1,101.1	2,193.9
loney	Pound	14.1	4.0
Milk and butterfat:			
Butter	Pound	147.0	154.3
Cheese	do	48.6	51.3
Dried milk	do	341.5	239.6
l'obacco	do	221.0	295.
Rice, rough	Cwt	19.5	123.
Grain sorghum	Bushel	217.7	425.
Peanuts, farmers' stock	Pound	535.8	112
Oats	Bushel	81.5	78.
Barley	do	84.9	130.
Beans, dry edible	Pound	********	********
Rye	Bushel	.9	1.
Soybeans	do	97.5	341.
Sugar:			
Beets	Pound	1,720.3	264.
Cane	do	841.4	113.0
Special purchase programs 3			
Total			7,144.3

¹Consists of loans made and acquisitions under commodity loan and purchase programs.

¹Consists of loans made and acquisitions under commonity loan and purchase programs.

²Less than 50,000.

³Commodities included in "Special purchase programs" for 1977 crop are corn products, wheat products, rolled cats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, aorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

Table 708.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1973-781

		19	73	19	74	19	75
Commodity	Unit	Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
Barley Corn Corton Seed cotton Dry beans Flaxseed Honey Naval stores: Rosin Oats Peanuts Rice Rye Sorghum grain Soybeans Storage facility and equipment Tobacco Wheat	1,000 bushels 1,000 bushels 1,000 bales 1,000 pounds 1,000 pounds 1,000 pounds 1,000 pounds 1,000 pounds 1,000 bushels 1,000 bushels 1,000 toush 1,000 bushels	15,373 260,608 1,758 18,944 70 136 6 12,053 10,392 513.2 19,145 443 18,630 124,174 31,952 59,935	1,000 dollars 13,541 271,747 167,131 3,302 472 2,018 867,702 122,050 389 17,609 278,241 156,563 33,786 72,192	6,869 76,783 2,464 7,517 110 63 12,511 3,956 535,9 9,256 196 3,912 35,554	1,000 dollars 7,269 85,273 303,578 1,756 743 158 2,616 773,030 177 196,841 73,030 177 4,237 76,125 92,067 25,818 49,879	9,185 146,978 701 12,998 2,769 3,928 567,9 21,460 87 8,794	1,000 dollars 8,419 161,606 4,302 4,302 223,151 184,162 74 9,111 22,824 318,803 165,167
		19	76	19	777	19	78
Commodity	Unit	Quantity pledged	Face amount	Quantity pledged ²	Face amount ²	Quantity pledged ³	Face amount ²
Barley Corn Cotton Seed cotton Dry beans Flaxseed Honey Naval stores: Rosin Oats Peanuts Rice Rye Sorghum grain Soybeans Storage facility and equipment	1,000 bushels 1,000 bushels 1,000 bales 1,000 bushels 1,000 pounds 1,000 bushels 1,000 pounds 1,000 bushels	19,214 277,734 952 12,221 4,610 426,9 23,415 144 21,286 22,479	1,000 dollars 22,013 417,389 164,040 4,446 3,099 170,975 145,504 159 29,313 56,446 49,786	84,839 1,098,730 4,565 13,490 14,064 81,186 267,9 19,541 919 212,676 97,481	1,000 dollars 130,279 2,187,847 959,670 5,809 4,647 77,726 112,348 122,959 1,440 413,604 341,492 172,942	29,885 9,513 6 13,291 14,944 35.7 4,078 2,064 30,031	1,000 dollars 46,258 20,114 1,095 4,958 14,433 14,419 27,556 5,353 3,353 61,514

¹Includes loans made directly by Commodity Credit Corporation.
²Loans through Sept. 30, 1978.

Agricultural Stabilization and Conservation Service.

Table 709.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1964-781

	Year	Barley	Butter and butter oil	Che	nener	Cor	n	Cotto	en a	Dry beans	Flaxaced	Sorghum grain	Nonfat dry milk
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977		Million bushels 23 18 7 6 6 49 28 36 9 1 (2) (2) (3) 1	Million pounds 61 32 153 124 72 108 104 108 18 17 3 211 198 207	pot	80 65 2) 4 7 0 0 2 5 5 95 35		sels 835 530 156 138 261 296 215 144 140 70 6	1,000 bale 7,77 10,11 8,3 1,2 2,2 2,0 (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	93 55 89 47 35 21 77	Million cwt. (2) (3) (2) (2) (2) (4) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	bushels 2.9 5.2 9.1 2.1 2.9 7.7 19.1 24.0 7.7	Million bushels 587 587 332 193 3192 188 58 37 8 1 1 (2) 1 37	Million pounds 151 131 191 268 212 119 80 26 2 172 442 453 708 658
	Year	Oats	Pean	uts 4	Ric	œ 5	B	tye	So	ybeans	Tung oil	Wheat	Value of all com- modities owned*
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		78 35 6 6 2 10 8		6.4 6.9 4.9 .6	bui	llion shels 0.5 5.7 8.2 6.7 9.0 11.7 17.6 24.0 29.8 15.7 2.6 (2)		fillion ushels (3) (2) (2)	Million pounds 15 15 15 15 19 12 28 42 38 27 19 1	Million bushels 712 572 216 109 100 168 283 372 267 139 15 (2) 34	Million dollars 4,611 4,110 2,340 1,004 1,784 1,584 1,118 8300 394 402 634 1,104 1,118 630 634 1,104

¹Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

²Less than 50,000 units.

³Less than 50,000 units.

⁴Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

⁵Rough basis; includes milled rice in rough equivalent.

⁶The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Table 710.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1964-781

Year ²	Barley	Corn	Cotton ³	Dry beans	Flaxseed	Sorghum grain	Osts
	Million	Million	1,000	Million	Million	Million	Million
	bushels	bushels	bales	cwt.	bushels	bushels	bushels
964	28	550	5,039	1.0	5.4	93	67
965	20	459	4,002	.5	8.5	108	73
966	16	392	1,674	2.7	1.6	54	57
967 968	38	418 633	539 2,165	1.4	2.2 5.0	67	56
969	106	567	2,165	1.5	9.4	107 76	113
970	100	454	1,492	1.1	8.9	43	238
971	108	761	572	.7	5.6	114	223
972	97	735	2,411	.7	A	58	196
973	22	190	900	1	.1	14	46
974	4	49	960	1 1	(4)	2	3
975	6	110	333			6	1 3
976	12	206	2,186	******		16	4
977	65	765	2,576	******		157	60
1978	94	1,038	919			149	68
Year ²	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans out- standing 5
	Million	Million	Million	Million	Million	Million	Million
1964	pounds	cwt.	bushels	bushels	pounds	bushels	dollars
965	369	5.5 7.8	3.3	24 65	1,196	190	2,800
966	420 450	11.6	1.6	115	1,126 1,008	181 153	2,590
967	393	12.7	1.5	181	1,147	252	2,358
968	340	17.7	3.6	330	1,103	536	3.600
969	349	18.7	4.8	257	1,138	706	3,62
		15.4	8.2	144	1,224	477	2.97
	768				1,061	486	3.186
970 971	768 882		14.8	140			
970 971 972	882 878	23.4 15.0	14.8 12.8	140 71	746	305	
970 971 972 973	882 878 956	23.4 15.0 13.6	12.8	71 99	746 561	305 32	2,436 11,266
970 971 972 973 974	882 878 956 995	23.4 15.0 13.6 6.1	12.8 .6	71 99 19	746 561 305	305 32 20	2,436 11,266 68:
970	882 878 956 995 1,135	23.4 15.0 13.6 6.1 8.9	12.8 .6 .1 .1	71 99 19 (4)	746 561 305 335	305 32 20 32	2,436 11,264 68: 87:
970 971 972 972 973 974 975 976	882 878 956 995 1,135 841	23.4 15.0 13.6 6.1 8.9 10.5	12.8 .6 .1 .1	71 99 19 (4)	746 561 305 335 585	305 32 20 32 223	2,436 11,264 68: 87: 1,786
970 1971 1972 1973	882 878 956 995 1,135	23.4 15.0 13.6 6.1 8.9	12.8 .6 .1 .1	71 99 19 (4)	746 561 305 335	305 32 20 32	2,436 11,264 68: 87:

¹Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

²Not necessarily from the crop of the year shown; may include quantities under reseal from crop of previous years.

³Includes extra-long staple.

⁴Less than 500,000 units.

⁶Value of all commodities outstanding under loan, including those not shown.

Table 711.—Commodity Credit Corporation: Loan transactions for fiscal year 1978, by commodities:

*Less than \$500.

!Loans made directly by Commodity Credit Corporation. ? Book value of outstanding loans, includes face amounts and any charges paid. ? Includes transfers to accounts receivable.

Agricultural Stabilization and Conservation Service.

Table 712.—Commodity Credit Corporation: Loans made in fiscal year 1978, by States and Territories 1

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other ²	Total
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
Ala		549	10,989	******			55	5,800	17,393
Ariz	21	390	67,234	165			201	813	68,824
Ark		311	59,964	6,630			501	146,766	214,172
Colo	3,501 1.144	35,445	190,926	8,909	*****	*****	1,186	54,513	250,776
Conn		30,440	*****		*****	*****	33,311	40,870	119,679
Del	******	365	*****	*****	*****	*****	******	191	556
Fla		575	283	3	1.214		2	102,300	104.377
Ga		7,177	9,159	8	74,199		173	12,263	102,979
daho	6,713	416					16,713	5,744	29,586
OI	4	204,137		903			2,197	82,796	290,037
Ind	7	117,005		58			1.061	43,205	161,356
lowa	11	386,568	******	866	*****		159	141.094	528,696
Kans	237	85,979		106,061	*****		207,820	28,065	428,162
Ку	*****	17,251		574	*****	73,931	229	12,904	104,889
La	*****	28	35,300	273	*****	*****	288	14,340	50,229
Maine	3	40					3	532	578
Md	116	6,092					34	2,006	8,248
Mass		1000000				260		74	334
Mich	44	61,574	*****	48	*****	*****	2,060	33,059	96,788
Minn	30,685	330,668	100.010	298	*****		86,775	280,425	728,851
Miss	7	38	120,012 12,563	27.073	*****	*****	28	16,854	136,978
Mont	8.288	55,078		21,013			5,789 74,866	53,049 12,636	153,559 95,858
Nebr	248	492.842	******	84,153	*****	*****	44.597	85,562	707.400
Nev	240		66	04,100			46	131	243
N.H			- 00				40	19	15
N.J	5	1.584					27	1.218	2.83
N. Mex	31	5,764	18,901	2,393	11		2.057	526	29,683
N.Y	7	13.528	20,000				503	7,371	21,406
N.C	36	12,127	5.840	125	9	204,684	99	8,800	231,720
N. Dak	45,139	12.812					158,077	54,280	270,306
Ohio	2	48,752	******	2	*****	237	1,548	35,616	86,157
Okla	95	2,770	4,285	10,607			57,225	6.642	81.624
Oreg	573	7					8,493	1,720	10,798
Pa	19	9,607		9			56	6,602	16,293
P.R						2,206	*****	*****	2,206
S.C	25	6,904	7,481	18	******	******	78	6,645	21,151
S. Dak	12,122	57,280	*****	11,894	******	*****	68,813	61,414	211,52
Tenn	36	6,376	6,790	74	* * * * * * * * *	724	235	13,679	27,91
Texas	30	79,964	402,639	121.514	12,020	*****	22,362	62,090	700,619
Utah	299	58	*****		*****	******	1,828	92,838	95,02
Vt	206	4.005	22		111 070	837		770	770
Va Wash	964	4,771 2,232	1	******	11,372		23,649	3,854 2,830	21,12 29,67
W. Va	904	164	*****		*****	******	23,049	220	384
Wis	243	79.417		6		16	505	38,208	118.39
Wyo	191	395				10	3.342	1.031	4.95
Unallocated		090		1			3(30)	1,001	3(30
			*****				1007		100
Total	111,052	2,147,758	952,454	382,710	98,825	282,895	827,043	1,582,418	6,385,158
				+		-	+		

¹ Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

² Includes storage facility loans.

³ Negative figure (prior year adjustment)

Table 713.—Commodity Credit Corporation: Selected inventory transactions, program and commodity, fiscal year 1978

Colleteral present from loans present loans loans 1,000 dollars 1,000 23,189 23,189 25,489 3 5,468 5 94,403 96,403				Quantity	tity					Value		
Bushel	Program and commodity	Unit	Inventory Oct. 1, 1977	Purchases	Collateral acquired from loans	Sales 1	Inventory Sept. 30, 1978	Inventory Oct. 1, 1977	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1978
Bushel 9,923 13,119 39,716 49,887 22,803 40,863 94,403 84,	eed grains: Bartoy Corn Corn Grain orgina Grain sorghum Outs Outs Couts	Bushel do	Thousands 24 18 18 7	Thousands 67 2.361 127,633 6.046 82,763 344 46,772	Thousands 12,384 12,906 1,447	Thousands 1.689 123,334 4,765 82,763 27 42,524	Thousands 13,075 13,085 1,520	1,000 dollars 50 38	1,000 dollars 109 6,065 10,928 11,719 7,403 4,38 6,143	1,000 dollars 1,182 25,199 27,621 1,480	1,000 dollars 34 5,220 10,669 12,417 7,675 23 5,629	1,000 dollars 1,257 26,654 28,020 1,556
Bushel 9,922 13,119 38,718 412,836 49,887 22,803 40,863 94,403	Total feed grains		*******	******		*******	*******	86	42,803	55,485	41,567	67,490
Pound 190,392 146,962 67,256 524,699 186,132 1146,206 65,033 62,611 92,934 51,156 676,523 42,156 239,614 reducts 703,216 444,976 444,976	Thest four Thest four circums are considered to the products, other circums are circums are circums are circums are pleased to the product of	Bushel Pound Cwrt Cwrt Pound Cwrt Balle	9,923	13,119 504,613 766,462 290 800	39,718	12,836 437,570 762,690 1,630 6,699 800 51	10,899	22,803 19 161,298	40,863 48,867 63,630 5,764 11 224 1,246	94,403	42,022 43,805 64,482 26,904 46,559 1,070	94,48
709,216 444,976	airy products: Butter Cheese Milk, dried	Pounddo	190,392 92,144 663,362	146,962 48,634 341,473		67,258 68,033 274,364	234,569 52,611 676,523	186,132 92,934 424,150	154205 51,156 239,614		73,913 74,194 70,918	239,877 54,517 456,270
	Total dairy products	**********	******			********		703,216	444,975	**********	219,025	750,664

¹Sales do not reflect commodity donations. ²500 or less.

50,186

Table 714.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year

	Rep	Export			Domestic			
Commodity	Public Lew 480, Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations 1	Inventory adjustments and other recoveries (domestic)	Total domestic	Total export and domestic
orducts conducts m grits olded olded grits gh an a	1,000 dollars 10,488 11,982 7,488 60,618 60,214 80,488	1,000 dellars 10,488 11,982 7,88 7,88 60,513 80,613 20,448	2000 delium 28 28 28 31 16 443 443 443 643 643 643 643 643 643 64	9 9 4.176	1,000 dellare 284 286 625 6409 1,441 167 107	2,000 deallars	2,000 delibera 138 138 138 138 138 138 138 138 138 138	1,000 dollars 10,000 10,000 10,000 11,400 41,430 41
	89/88	\$69°08'L	227 S	88.074 86.614 28.84	26,280 26,980 26	100	102,421 97,488 178,68	102,830 97,488 190,564
nucles manules manules manules manules manules contract c			***	2,866 6,001 13,162 1,741 4,743 613	1,885 3,086 6,645 8 3,086 140	93 23 23 23 24 25	72,4 200,6 200,6 10,000 20,00	2000 18000 18000 18000 19000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 1

94,021
83 34.021 16,178
94,021
86,148
34,021

Includes donations under Sections 202, 407, 416, Section 210, PI 85-540 and miscellaneous to other to other authorizations.

SEGO or less.

²Includes sales under P.L. 460 Title II \$99.626, sales for dollars \$26,632 and transfers to other government agencies \$4,635. Agricultural Stabilization and Conservation Service.

Table 715.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1964-78

Te Ka N. Ion Ne Mi S. Ok Hil Ca Ga Inc Mi Wi

Date	Inventory after revaluation	Loans held by CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
1964: March June September December	Million dollars 4,516.2 4,338.3 5,138.3 4,611.4	Million dollars 2,758.0 2,382.2 1,596.5 2,281.7	Million dollars 580.7 377.4 189.6 540.2	Million dollars 3,338.7 2,759.6 1,786.1 2,801.9	Million dollars 7,854.5 7,097.5 6,924.4 7,413.3
1965: March June September December	4,172.8 3,892.2 4,485.8 4,108.9	2,390.9 2,075.3 1,566.6 2,068.5	627.2 419.1 181.5 532.5	3,018.1 2,494.4 1,748.1 2,598.0	7,190.6 6,386.6 6,233.5 6,708.5
1966: March June September December	3,570.7 8,112.9 3,159.4 2,337.1	2,184.4 1,344.1 1,182.4 1,542.1	603.4 855.3 206.2 526.6	2,787.8 2,199.4 1,388.6 2,068.7	6,356.5 5,312.1 4,548.0 4,408.6
1967: March June September December	1,945.5 1,858.4 1,518.6 997.0	1,064.8 482.0 401.0 618.6	943.3 1,021.1 979.2 1,736.7	2,008.1 1,503.1 1,380.2 2,356.3	3,953.6 3,361.6 2,896.6 3,352.5
March June September December	920.4 912.7 987.6 1,087.2	928.5 1,344.7 1,504.4 2,456.3	1,589.2 923.5 890.4 1,148.7	2,517.7 2,268.2 2,394.8 3,606.0	3,438.1 3,180.5 3,382.4 4,662.1
March June September December	1,032.7 1,244.5 1,927.4 1,782.6	2,772.2 1,744.5 2,179.4 3,285.8	1,292.0 1,589.5 565.3 342.4	4,064.2 3,334.0 2,744.7 3,628.2	5,096.9 4,578.8 4,672.1 5,410.8
1970: March June September December	1,696.6 1,858.1 1,894.0 1,593.5	3,529.0 2,788.3 2,294.5 2,973.4	195.7	3,724.7 2,788.3 2,294.5 2,973.4	5,421.1 4,646.4 4,188.1 4,566.1
1971: March June September December 1972:	1,208.7 1,207.9 1,229.9 1,118.2	2,838.8 1,850.1 1,971.8 3,186.0		2,838.8 1,850.1 1,971.8 3,186.0	4,047.1 3,058.6 3,201.1 4,304.1
March June September December	1,088.0 1,090.1 972.3 829.6	3,122.0 2,277.4 1,955.1 2,438.4	********	3,122.0 2,277.4 1,955.1 2,438.4	4,177.6 3,367.1 2,927.4 3,268.6
1973: March June September December	660.0 478.7 439.4 393.7	2,088.7 1,143.9 703.9 1,365.9	********	2,088.7 1,143.9 703.9 1,268.9	2,748.1 1,622.4 1,143.1 1,689.6
1974: March June September December	359.3 114.2 172.8 188.2	885.8 449.2 394.6 681.8	********	885.8 449.2 394.6 681.8	1,245.5 563.5 567.4 870.0
1975: March June September December	253.5 416.1 453.7 402.4	619.2 333.6 506.5 871.0	********	619.2 333.6 506.6 871.0	872: 749: 960: 1,273:
1976: March June September December	555.8 658.6 607.2 634.3	762.2 480.5 707.7 1,786.5	********	762.2 480.5 707.7 1,786.5	1,318/ 1,339. 1,314/ 2,420/
1977: March June September December 1978:	682.9 824.9 984.9 1,104.4	1,990.5 2,142.7 3,009.0 5,414.0		1,990.5 2,142.7 3,009.0 5,414.0	2,673, 2,967, 3,993, 6,518
1978: March June September December	1,062.5 1,068.3 1,029.0 1,185.9	5,827.9 4,591.3 4,230.4 5,655.6		5,827.9 4,591.3 4,230.4 5,655.6	6,880, 5,659, 5,259, 6,841,

¹Since 1971, reflects total CCC loans and inventories.

Agricultural Stabilization and Conservation Service.

Table 716.—Agricultural Stabilization and Conservation programs: Number of payees and payments received, by States, 19781

State	Payees	Payments	State	Payees	Payments	State	Payees	Paymenta
Tex	Number 138,252	1,000 dollars 303,493	N.C	Number 64.794	1,000 dollars 34,672	Vt	Number	1,000 dollars
Kans	137,862	273,429	Ala	25,556	31,716	Maine	3,292 3,033	4,538
N. Duk	67,611	250,559	Oreg	12,270	29,629	Del	1.432	3,435
lowa	103,845	226,920	Miss	23,417	29,545	Nev	1,432 855 9,936	3,353
Nebr	85,534	194,180	N. Mex	9,588	27,284	W. Va	9,936	3,186
Mont	26,905	126,106	Va	29,904	26,604	N.J	1.953	1,954
Minn	63,497	110,044	Ark	23,246	24,446	N.H	1,211 283 1,289	886 796
8. Dak	49,441	105,026	Ohio	41,923	24,175	Hawaii	283	799
Okla	57,181	95,783	N.Y	17,406	22,147	Mass	1,289	773
Cole	77,754 25,692	88,475	S.CUtah	16,772	20,980	P.R	1,122	739
Mo	72,546	77,713 69,192	***	10,448 5,622	20,160 16,141	Conn	110	425 192
Wash	15,942	66,068	La	12,265	15,682	R.I	190	192
Idaho	20,127	62,623	Tenn	26,336	15,415	V.I	15	62
Calif	16,216	56,583	Ку	22,425	12,498	Undistributed	10	1.639
Ga	31,177	54,968	Pa	21,684	12,469			2,000
Ind	54,407	47,500	Fla	8,231	10,311	Total	1,531,302	2,704,512
Mich	44,155	42,143	Ariz	6,346	9,160			
Wisc	34,114	37,935	Md	5,208	6,993			

1 States are arranged according to size of payments.

Agricultural Stabilization and Conservation Service.

Table 717.—Agricultural, Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1974-78

Program and commodity	1974	1975	1976	1977	1978
	1.000 dollars				
Feed grain		278,765	195,545	187,288	1,172,070
Rice			87	130,253	2,624
Wheat	70.087	76,975	135,370	887,307	962,653
Cotton, upland	36,963	134.436	106,729	88,539	126,677
Cotton, extra-long staple	5.018	3,802	1.560	452	
Sugar	81.495	63,977	2.896	3	19(1
Wool and mohair	135	14.683	41,632	7.056	28,793
Milk indemnity	278	140	121	41	78
Beekeepers indemnity	3,296	3,379	3,108	3.461	4.904
Cropland conversion	111	115			
Conservation reserve	12(144)	12(2)			
Cropland adjustment		37,188	19,860	12(3)	
Appalachian region conservation	269	135	114	48	42
Agricultural conservation (REAP, RECP)	3 169,478	175,720	181,600	181,800	178,246
Forestry incentive		2.384	7.848	10.982	12,721
Emergency conservation measures	13.951	5,913	14,604	16,465	16.218
Drought and flood conservation				116,148	30,333
Waterbank	1.395	2.034	2.512	4,578	5,587
Miscellaneous	12(1)		12(219)	12(64)	12(179
Public access	1.401	1,402			
Hay and cattle transportation payments			12,671	34,011	12(251
Emergency feed				16,543	163,996
Emergency livestock feed				56,751	******
Grand total	525,174	801,046	726.038	1.741.659	2.704.512

Prior year adjustments.
 Credit.
 Includes Forestry Incentive Program.

Table 718.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee. United States, 1977 and 1978 programs.

Item	17-11	Total all		Feed	Feed grains				
	OME	(net)	Total (net)	Corm	Grain sorghum	Barley	Wheat	Cotton	Rice
1977 Percent					Section I: Total farm data	al farm data			
Payees Producer net payment Producer net payment Average payment per farm Average payment per payee	Number Number Dollars Bushels pounds! Dollars	332,364 487,519 574,961,506 1,730	249,334 345,050 341,425,157 1,369	215,952 290,252 281,104,936 493,166,533 1,302 1,302	26,238 40,761 30,141,811 55,818,150 1,194 739	19,112 28,170 30,178,428 65,606,282 1,579 1,071	81,741 136,906 160,822,056 196,124,484 1,967 1,175	22,884 36,822,832 68,822,813 4,32,847,882 3,007 1,921	485 1,370 3,891,480 141,508,330 8,024 2,840
Farms Farms Farms Payees Producer net payment Production for payment Average payment per farm Average payment per farm	Number Number Dollars Bushels/pounds ¹ Dollars	168,240 276,061 351,111,162 2,087 1,369	68,892 104,582 81,009,883 1,176	35,006 46,267 35,611,480 35,663,791 1,020 772	29,401 51,794 36,471,528 32,667,223 1,240	6,711 9,736 8,826,911 8,683,036 1,315 907	61,002 103,772 86,249,020 51,484,788 1,414 831	58,002 101,838 183,280,881 56,311,483 3,160 1,800	229 590,539 20,824,486 2,683 1,007
				Sect	Section II: Prevented planting farm data	planting farm	ista		
Farms 1977 receases Payess Payess Payess Payess Payess Payess Payment Production for payment Average payment per farm Average payment per farm	Number Number Dollars Busheis/pounds! Dollars	3,704 5,279 9,326,296 2,518 1,767	2,163 3,063 2,170,783	716 826 388,401 681,400 642 470	339 642, 543 686,720 1,365 882	1,556 2,197 1,319,761 2,869,045 848 601	2,111 2,612 3,066,686 3,730,867 1,453 1,091	506 1,307,689 8,224,337 2,684 1,782	217 474 474 2,781,156 101,132,913 12,816 5,867
Barnes Barnes Barnes Brockers Broducer net payment Froducer net payment Average payment per farm Average payment per farm	Number Number Dollars Bushels/pounds! Dollars	8,362 11,653 10,646,707 1,289	6,317 8,830 6,975,490 1,104	4,518 6,221 3,471,060 4,958,640 768 568	1,021 1,538,266 2,023,968 1,507 1,059	918 1,996,225 2,621,617 2,142 1,472	2,001 2,920 2,237,941 2,237,117 1,363 866	224 306 1,067,901 6,172,824 4,767 3,501	2,619,256 14,877 10,627

	289 897 1,110,323 40,375,418 4,128	224 632 617,032 16,306,232 2,306 972
	22,396 35,114 67,515,146 424,623,542 3,015 1,923	57,827 101,596 182,192,967 53,136,665 3,151 1,793
	79,966 134,561 167,765,363 192,384,619 1,973 1,172	88,277 101,267 83,721,094 46,247,670 1,412
rield farm data	17,769 26,272 28,858,670 62,736,236 1,624 1,036	5,966 8,491 6,890,696 6,071,418 1,170 808
Section III: Low yield farm data	24,996 40,272 29,679,184 54,961,429 1,190 737	28,485 50,480 34,933,318 30,643,266 1,226 662
95	216,275 289,469 280,716,539 492,465,132 1,304 970	30,797 40,409 32,240,441 30,705,155 1,047
	247,477 342,436 339,254,376 1,371 991	63,107 96,386 74,034,430 1,173
	329,543 483,590 665,635,215 1,716 1,170	267,126 340,465,491 2,109 1,275
	Number Number Dollars Bushels/pounds! Dollars	Number Number Dollars Bushels/pounds! Dollars
	Farms Payers Payers Producer net payment Production for payment Average payment per farm	1978 reconant iss of May 17, 1979) Farms Payees Producer net payment Production for payment Average payment per farm Average payment per farm

Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Agricultural Stabilization and Conservation Service. Totals may not add due to rounding.

Table 719.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions):
Disaster payments, by States, 1976-78

	19	76 Progra	ım		1977 P	rogram			1978 Pr	rogram 1	
State	Feed grain	Wheat	Cotton	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
Ma	88	2	7,198	13,148	30	11,663		878	3	2,280	
riz	18	37	6.911	42 53	100	738 1,022	101	14	1	940	
alif	1.864	1.819	27	3,870	3,008	125	181 2,891	1.794	1.142	11,074 26,243	24
olo	3,116	11,224		4.747	12,174	140	2,001	3,623	7,160	20,290	
onn				(2)					1,200		
Xel	7			1,998	144			51	7		****
la	27	(2)	73	9,853	1	103		464	2	24	
in	508	5	3,276	45,981	39	11,824		4,596	10	840	
daho	355	1,524		5,134	6,866	(9)		1,696	1,137		
nd	3,249	436 561	****	9,962 1,266	122 256	(2)		1,814 883	1,181		
owa	18,894	97	****	95,423	220			2,514	531 117		
Cans	9.619	33.621		6,567	28,281			8.825	10,397		
(у	117	135	52	832	55	8		501	57	19	
A	4	2	2,620	327	2	1,210	623	60	3	7,351	18
daine				415	2			55			
Md	24	(2)		1,955	160			118	18		
finss	1.000	****		6	****			1	****	****	****
dich	1,060 54,722	143		4,220 1,217	789		****	1,988	309		
disc	15	1,007	20,140	1,734	503 70	4.568	1	1,767	1,112	9.315	****
đo	12.954	2,508	5.020	13,183	1.454	1,600	2	2,631	1.564	1,678	
Sont	125	1.370	1111	3,049	6,244	2,000		1.524	2,716	1,010	
Vebr	24,754	11,711		15,880	9,561			2,821	4,317		
Vev	1	55		17	15			14	45		
(.H			****	****	****	****		1			
J		****	****	383	401			10	9	4000	
N.Mex	2,912	5,089	987	2,857	3,185	273		3,671	4,507	2,525	
i.c	300 919	39 220	503	717 19.606	32 302	2.480	(2)	210	125	1122	
V. Dak	5,611	9,159	303	12,648	24.073	2,400		1,677	1.833	444	
Ohio	61	999		498	187	****		281	335		
Okla	2,545	14,658	2,975	1.753	8,637	1,037	****	2.330	5,770	3.111	
)reg	70	1,110		867	6,810			138	1,355		
a	22	107		256	81			44	28		
U	1122		22.22	1211	****		(2)	X.5.5.5		1155	
Dak	291	78	2,613	9,100	62	6,178		2,001	10	648	
enn	53,893 62	27,411	7,705	8,886	13,224	9.000	****	2,527	7,182	****	***
ex	16,717	16.638	37,856	1,190 20,744	9,752	3,080 22,872	194	235 25,481	108	1,641	****
Jtah	449	968	31,000	1,067	2,129	22,012	134	289	30,423 235	115,121	
/t	1			489	3			1	200		****
Va	399	95	3	12,537	418	41		197	30	6	
Wash	25	275		5,777	18,755			42	1,756		
W. Va	3	.1		144	2			4	1		
Wis	9,026	13		529	18			2,242	25		
Wyo	38	253		498	2,470	****	2.00.0	217	559		
U.S.3	224,937	143.390	97,983	341,425	160.822	68.822	3,891	81.010	86.249	183,261	59

Data through May 17, 1979.
 \$500 or less.
 Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 720. - Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
Citrus fruits (1977 - 78 season):	Number	1.000 dollars
California and Arizona Navel and miscellaneous oranges	4.450	126.874
California and Arizona Valencia oranges	3,850	140.350
California and Arizona Desert grapefruit	400	12,918
California and Arizona lemons	2.400	100.24
Florida oranges, grapefruit, tangerines, and tangelos 1	14,000	1.114.290
Florida limes	160	8,786
Texas oranges and grapefruit	2,900	43,191
Deciduous fruits (1978 season):		
California Bartlett pears, plums, and freestone peaches	2,650	167,996
California nectarines	700	45,880
California olives	1,300	23,184
California Tokay grapes	400	17,936
Colorado peaches	200	968
Georgia peaches	190	9,240
Idaho and Oregon prunes	110	18,720
Washington apricots	210	1,421
Washington sweet cherries	1,200	48,257
Washington peaches	450	5.47
Washington, Oregon, and California winter pears	1.500	48.43
Washington and Oregon Bartlett pears	2,100	38.25
Washington and Oregon prunes	450	3.17
Cranberries	900	44.68
Tart cherries	4.800	72.886
Hawaiian papayas	180	8,796
Dried fruits (1978 season):	1. 1. 1.	
California dates	143	8,66
California dried prunes	2,000	85,150
California raisins	4,200	163,89
Vegetables (1977 - 78 season):		
Florida celery	28	47,170
Florida tomatoes Idaho and eastern Oregon onions	185	181,083
Texas lettuce	235 28	22,396 7,64
South Texas meions ²	76	22,45
South Texas onions	180	31.87
Texas tomatoes	40	3.38
Potatoes (1977 - 78 season):	40	0,00
Colorado	395	32.51
Idaho and eastern Oregon	1.510	271.19
Maine	1,406	95.15
Oregon and Northern California	690	82.02
Southeastern States (Virginia-North Carolina)	300	31.34
Washington	380	141,68
Nuts (1978 secson):		
California almonds	6,580	252,00
California walnuts	6,000	217,60
Oregon and Washington filberts	1,200	10,73
Peanuts 3	62,800	835,72
Hope (1978 season)	195	49,59
Total (47 Programs)	(4)	4.696.019

¹ Includes Indian River and Interior grapefruit programs.

² Effective Apr. 13, 1979.

³ Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.

⁴ Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

Table 721.—Agricultural Conservation Program: Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1964-78

Program year	Regular program ³	Supplemental (emergency practices)	Total
9964 9965 996 997 998 999 970 971 972 973 974 975 976 977 977 978	1,000 dollars 215,066 217,169 211,125 222,170 200,282 185,945 181,186 146,708 196,763 198,600 74,475 138,700 134,731 175,347	1,000 dollars 6,837 14,291 6,680 4,263 9,296 7,341 8,536 15,124 4,232 24,930 8,860 7,408 15,142 18,962	1,000 dallars 221,90 231,48 227,50 228,43 209,54 193,28 189,72 161,83 200,92 83,00 144,10 149,87 194,29

¹From 1971 to 1973, the Rural Environmental Assistance Program. In 1974, the Rural Environmental Conservation Programsocosor to REC, and administrative expenses. Includes Naval Stores Co-Incentive Program in 1974, and Long-Term Agreements from 1975. stance Program was succe reation Program was suc mor to the Agricultural Conservations to REAP. In 1975, ACP w rvation Program, 1964-72. Includes Forestry

Agricultural Stabilization and Conservation Service. Totals are from unrounded data

Table 722.—Agricultural Conservation Program: Participation and assistance, by States and Caribbean area, 1978 program year

				Assis	tance		Emergence vation p	y conser- rogram
State or Territory	Participating farms	Area served	Regular	Long	Emergency conservation program	Total gross as- sistance	Participating farms	Area served
		1,000	1,000	1,000	1,000	1,000		1,000
•	Number 9,998	acres 328	dollars 5,291	dollars 75	dollars 112	dollars 5,478	Number 95	acres
neka	102	2	183	4	112	187	30	
	750	233	1,488	107	1,405	3,000	196	
k lif	8,682 2,250	290	3,679	63 237		3,742		
if	2,250	244 554	4,218 3,520	237 187	3,028 423	7,483 4,130	428 710	1 2
io	1.361	30	335	14	1445	355	2	(1)
	264 5,552	30 13	232	2		234		
	5,552	240	3,391	66	825	4,282	362	
wali	10,081	188	5,190	84 11	206 51	5,480 455	197	
ho	3,519	20 233	393 2,956	118	292	3,366	85	
	5,025	215	5,349 3,859	413	56	5.818	60	
1	4,328	125 231	3,859	65	151	4,075 7,399 6,251	93	
va	8,626 7,050	464	6,834 5,880	369 135	196 236	6 251	346 234	
	10,264	195	4.784	106	63	4.953	81	
	6.631	195 272	4,784 3,654	127		3,781		
ine	2,388	32	2,164	24	110	2,298	67	
	1,421 784	35	991 481	63	14	1,068 487	37	(1)
ch	8,349	20 300	4,736	140	22	4.898	31	(.)
nn	6 990	196 352	4,792	128	31	4,951	34	
	12,767	352	4,226	114	72	4,412	73	
ont	13,954 4,409	432 1,039	7,179 4,743	109	168 394	7,456 5,244	359 184	
br	6,808	568	4,838	211	478	5,527	391	
W	386	53	699	30	166	895	41	
H	787	15	648	1	6	655	3	(1)
Mex	1,169	52	505	213	98	505	504	
Y	1,503 6,107	543 119	1,841 4,643	203	85	2,152 4,931	80	
C	34,987	392	4,302	21	1,027	5,350	1,418	
Dak	12,316	889	5,162		291	5,453	439	1
io	7,677	193	4,772	238	27	5,037	70	
da	8,565 2,267	578 233	5,437 2,838	128 123	30 161	5,595 3,122	32 112	
	7,088	163	4,583	158	103	4,844	142	
	112	5	51	*****		51	*****	
Dak	8,577 9,141	144 530	2,725 3,197	18 31	900	2,743 3,493	302	
on	14,171	212	4,491	184	265 287	4,962	298	
X	20,391	2,134	15,543	566	4,466	20,575	3,140	1,0
ah	2,188	212	1.812	91	107	2,010	158	
	2,580 10,928	56 165	1,141 3,117	17 57	103 161	1,261 3,335	72 286	
nsh	3,518	321	4,017	162	249	4,428	129	
. Va	6,337	127	1,459	55	62	1,576	129	
is	7,417	177	4.212	202	182	4,596	178	
yo	1,576	430	1,969	49	10 204	2,102	11 020	
U.S	314,627	14,594	174,550	5,627	16,304	196,481	11,638	2,1
R	1,152	21	725 18	22	8 7	755 25	3 4	(1)
• ************	41	1	10		-	-	-	1-7
Total	315,790	14,616	175,293	5,649	16.319	197,261	11,645	2.1

¹⁵⁰⁰ acres or less.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year

State or lerritory Diversions steamed wildlife resention, water runoff windoress in				Regula	r annual agr	eementa		
Alaska 1,139	State or Territory	(area	stabilization (area	wildlife habitat (area	retention, erosion, or water con- trol struc-	chemical, or water runoff control measures (area	or shelter- belts (area	Reorganizing irrigation systems (area served)
Alaska 10 Ariz 383 367 140 4 5 Arix 164 1.387 603 55 83 32 203 Colo 4.368 180 295 63 4,570 2,931 Colo 180 180 3 26 Colo 4.368 180 295 63 4,570 2,931 Del 1 3 31 3 8 149 Fia 263 3.0,82 488 2,217 Ga 434 10 796 6 5,559 Hawaii 953 23 6 6 321 III 2,640 137 174 942 83,679 273 III 1,772 1,539 478 671 21,367 334 Icwa 913 15 2,640 345 51,452 7,258 Kans 7,267 480 180 180 115,171 1,813 Ky 2,482 5 104 71 14,350 1 La 8 8 5 355 1,149 11 14,350 1 La 8 8 5 355 1,149 14 5 1 Maine 2,285 27 355 1,48 8,130 2,875 Md 966 23 80,024 249 8,130 2,875 Minn 2,491 5,623 318 36,436 32,379 Minn 3,371 1,106 417 13 7,588 3,493 No 6,6,15 7 7 8,400 665 49,338 1 1 Mont 3,371 1,106 417 13 7,588 3,493 No 7 80 7 80 17 19 190 3 3 NJ Max 4,498 71 80 179 190 3 3 5 1,674 11,735 11,736 1	The same of	Acres					Acres	Acres
Arix		1,139	150	2,896	40	12,557	*******	
Ark 164 1.135 588 13 32 203 Colo Calif 1.387 603 55 83 32 203 Colo 4.368 180 295 63 4.570 2.931		10	*******	********	******	20		
Del	Ariz	393	357	1 100		******	9	49,718 45,071 95,227
Del	C-Uf	104	4000	1,133	588		000	45,071
Del		1,387	903	90	83	32	203	90,22
Del		4,000	100	290	63	4,570	2,931	189,34
Fin 263	Del	100		91	3	20	*******	
Ga		909			490	9 917	149	17,414
Hawaii 953 23 2 2 6 321 dabo 1.028 575		263	10	3,082	438	2,317	******	17,414
III		959	10	196		0,609	901	
III		1 000	875			1 490		75,350
Ind	PIL	1,046	100	174	040	1,432	91	10,300
1000 1000		1,770	1 500		942	83,679	2/3	
Ky 2,462 5 104 71 14,350 1 Maine 2,265 27 355 1,149 1 1 Maine 2,265 27 383 19 2,796 5 Mass 7 4 383 19 2,796 5 Mine 1,266 23 80,024 249 8,130 2,875 Minn 2,491 415 3,683 1,252 1,703 32,379 Minn 2,491 415 3,683 1,252 1,703 32,379 Mo 6,615 7 5,400 605 49,338 1 Mont 3,371 1,106 417 13 7,588 3,493 Nev 3,567 1,06 417 13 7,588 3,493 N.H 93 52 3 74 1,236 1,241 N.W 4,004 277 103 35 1,373 1,272 <th< td=""><td></td><td>1,772</td><td>1,009</td><td></td><td>948</td><td>21,367</td><td></td><td>*******</td></th<>		1,772	1,009		948	21,367		*******
Ky 2,462 5 104 71 14,350 1 Maine 2,265 27 355 1,149 1 1 Maine 2,265 27 383 19 2,796 5 Mass 7 4 383 19 2,796 5 Mine 1,266 23 80,024 249 8,130 2,875 Minn 2,491 415 3,683 1,252 1,703 32,379 Minn 2,491 415 3,683 1,252 1,703 32,379 Mo 6,615 7 5,400 605 49,338 1 Mont 3,371 1,106 417 13 7,588 3,493 Nev 3,567 1,06 417 13 7,588 3,493 N.H 93 52 3 74 1,236 1,241 N.W 4,004 277 103 35 1,373 1,272 <th< td=""><td></td><td>7 007</td><td>10</td><td></td><td>360</td><td>01,402</td><td>1,208</td><td>42,72</td></th<>		7 007	10		360	01,402	1,208	42,72
Maine		0,400			180		1,513	42,72
Maine 2,285 27 383 19 2,796 5 Md 966 383 19 2,796 5 Mass 7 4 383 19 2,796 3 Mine 1,266 23 80,024 249 8,130 2,875 Mine 2,491 41 5,823 318 36,436 32,379 Miss 2,518 415 3,693 1,232 1,703 32,379 Miss 2,518 415 3,690 665 49,338 3,1 3,2379 Moot 6,615 7 5,400 665 49,338 3,1 3,483 3,4		2,462		104	1 140	14,300	1	23.83
Md 966	Maine	0.005		300	1,149	0.44	*******	23,83
Mass 7 4 1 4 3 Minch 1.266 23 80.024 249 8.130 2.875 Minn 2.491 3.563 3.18 36.436 32,379 Minn 2.518 415 3.683 1.252 1.703 Mo 6.615 7 5,400 605 49,338 1 Mort 3.371 1,106 417 13 7,688 3.493 Nebr 5,957 760 22 7 7 3.403 1 N.H 93 52 3 74 7 1.706 1 3.72 1.736			27		1 7	2,441		
Mich 1,266 23 80,024 249 8,130 2,875 Minn 2,491 6,523 318 36,436 32,379 Miss 2,518 415 3,693 1,252 1,703 Mo 6,615 7 5,400 665 49,338 1 Mont 3,371 1,106 417 13 7,588 3,493 Nebr 5,557 2 28 194 53,280 17,386 Nev 5,557 2 3 7 4 Nev 5,557 2 3 7 4 N.H 93 50 1 332 2 N.J 192 0 1 332 270 N.J 192 1 1 332 270 N.J 192 1 1 332 270 N.J 193 1 1 332 270 N.D 1 3 </td <td></td> <td>966</td> <td>*******</td> <td>393</td> <td>19</td> <td>2,796</td> <td>*******</td> <td>********</td>		966	*******	393	19	2,796	*******	********
Minn 2,491 415 3,693 1,312 1,703 32,379 Miss 2,518 415 3,693 1,252 1,703 32,379 Mo 6,615 7 5,400 605 49,338 1 Mort 3,371 1,106 417 13 7,688 3,483 Nebr 3,957 760 2 7 7,73 7,74 7,73	Minh	1 000		********	0.0	1	3	32 26
Miss 2,518 (15) 415 (16) 3,685 (12) 1,252 (17) 1,703 (18) 1 Moo 6,615 (15) 7 5,400 (16) 696 (49,338 (18) 1 Mont 3,371 (1,106 (17) 417 (13) 13,280 (17),388 (17) 3,483 (17) Nebr 5,557 (17) 288 (194 (17) 2 7 New 3,560 (17) 2 7 7 NH 93 (17) 50 (17) 193 (17) 193 (17) NJ (17) 4,408 (17) 103 (17) 103 (17) 35 (17) 107 (17) NC (18) 3,546 (17) 10 (17) 35 (17) 1,772 (17) 37 (17) 37 (17) 37 (17) 37 (17) 37 (17) 38 (23					26
Mo 6,615 Mont 7 S,400 Sept. 695 Mont 49,338 Mont 1 3 7,888 Mont 3,371 Mont 1,106 Mont 417 Mont 13 7,888 Mont 3,493 Mont Nebr 5,957 Mont 288 Mont 194 Mont 53,280 Mont 17,386 Mont Nev 2		2,491	*******	5,623	318	36,436	32,379	*******
Mont 3,371 1,106 417 13 7,888 3,483 3,483 17,386 Neb 194 53,290 17,386 17,386 184 53,290 17,386 17,386 184 53,290 17,386 184 182 2 74 17,386 184 182 2 74 182 182 182 183 184		2,518	415	3,693		1,703	*******	*******
Nebr	Mo	6,615	17	5,400		49,338	1	125,57
Nev N.H 93 780 2 3 74 20 N.H 192 150 150 150 150 150 150 150 150 150 150	Mont	3,371	1,106	417	13	7,688		125,57
N.H 93 52 3 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75		5,957	*******	268	194	53,260	17,386	48,90
N.J. 192	Nev	*******	780		2		******	27,78
N. Mex		93		52				3
N.Y	NJ	192		50	1	332	270	
N.C. 831 10 85 10 7,222 82 N.Dak 3,696 . 30,184 10 20,917 114,979 Dhio 356 8 20 262 24,196 1,908 Okia 23,989 50 275 80,746 1,173 Oreg 3,516 1,044 . 115 2,185 106 Pa 12,856 23 3 58 3,990 9 R.I 306 . 15,173 S.Dak 2,2999 18,550 9 3,945 56,599 Tenn 2,029 71 336 7,721 Tex 15,856 3 191 101,069 71 Utah 1,050 V 631 257 445 3 359 V 14 V 631 257 445 3 359 V 14 Va 2219 2 10 5 2,593 1,158 Va 2219 2 10 5 2,593 Wash 1,1347 2,077 382 69 5,233 1,158 W.Va 98 66 181 1 45 W.Va 98 66 181 1 1 1 1 45 W.Va 98 66 181 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4,498			179			29,72
N. Dak 3,696	N.Y	4,004			35	1,974		
Ohio 336 8 20 282 24,196 1,908 Okla 23,989 1 50 275 80,746 1,173 Oreg 3,516 1,044 1 115 2,185 105 Pa 12,285 23 3 88 3,990 9 8 RI 306 23 3 88 3,990 9 9 RI 306 25 2 2 2 1,876 154 25 2 2 2 1,876 154 25 2 2 2 1,876 154 25 2 2 2 1,876 154 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	N.C	831	10	85	10	7,222	82	
Onio 336 8 20 282 24,196 1,908 Okla 23,989 50 275 80,746 1,173 Oreg 3,516 1,044 115 2,185 105 Pa		3,696		30,184	10	20,917	114,979	78
Oreg 3,516 1,044 115 2,185 105 Pa 12,2856 23 3 88 3,990 9 RI 306 22 2 1,876 154 S. Dak 2,299 18,550 9 3,945 56,599 Tenn 2,2029 71 336 7,721 721 Tex 15,868 3 191 101,069 71 Utah 1,080 80 14 Vt 631 257 445 3 359 Va 219 2 10 5 2,593 Va 2,593 1,158 Wash 1,347 2,077 382 69 5,233 1,158 W. Va 98 66 181 1 45 Wis 3,668 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619	Ohio	356	8		262	24,196	1,906	*******
Pa 12,856 23 3 88 3,990 9 R.I 300		23,989		50	275	80,746	1,173	14,93 38,65
RI SO6 SC 72 S.Dak 2,299 18,550 9 3,945 56,599 Tenn 2,029 71 336 7,721 Tex 15,868 3 191 101,069 71 Utah 1,050 80 14 Vc 631 257 445 3 359 Va 219 2 10 5 2,593 Wash 1,347 2,077 382 69 5,233 1,158 W.Va 96 66 181 1 45 W.Va 96 66 181 1 1 45 W.Va 96 66 181 1 1 45 W.Va 96 66 181 1 1 1 45 W.Va 96 66 181 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3,516	1,044		115	2,185	105	38,65
SC 72 S. Dak 2299 18,550 9 3,445 56,599 Tenn 2,029 71 336 7,721 Tex 15,868 3 191 101,069 71 Utah 1,050 257 445 3 399 14 Vs 219 2 0 6 2,593 Wash 1,47 2,077 382 69 6,233 1,158 Wis 3,868 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 U.S 135,069 12,468 163,227 9,324 773,218 248,977 P.R			23	3	58	3,990	9	
S. Dak 2.299 18,550 9 3.945 56,599 Tenn 2,029 71 336 7,721 Tenn 2,029 71 336 7,721 Tenn 2,029 71 336 7,721 Tenn 1,050 71 10,069 71 10,06			*******	********	******	******		
Tenn 2,029 71 336 7,721 Tex 15,856 3 191 101,069 71 Utah 1,050 80 14 Vt 631 257 445 3 359 14 Va 219 2 10 5 2,593 1,158 Wash 1,347 2,077 382 69 5,233 1,158 W.Va 98 66 181 1 1 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 U.S 135,069 12,468 163,227 9,324 773,218 248,977 P.R	8.C	72				1,876	154	
Tenn 2,029 71 336 7,721 Tex 15,858 3 191 101,069 71 Utah 1,050 80 14 14 Vt 631 257 445 3 359 14 Va 219 2 10 5 2,593 1,158 Wash 1,347 2,077 382 69 5,233 1,158 W.Va 96 66 181 1 45 45 Wyo 2,623 60 65 120 1,619 US 135,069 12,468 163,227 9,324 773,218 248,977 P.R	S. Dak	2,299				3,945	56,599	3,72
Utah 1,050 80 14 Vt 631 257 445 3 3.99 Va 219 2 10 5 2,593 Wash 1,347 2,077 382 69 5,233 1,158 W.Va 96 66 181 1 45 45 1,281 Wyo 2,668 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 US 135,069 12,468 163,227 9,324 773,218 248,977 P.R		2,029			336	7,721		
Utah 1,050 80 14 Vt 631 257 445 3 359 Va 219 2 10 5 2,593 Wash 1,347 2,077 382 69 5,233 1,158 W.Va 96 66 181 1 45 45 W.Va 3,568 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 U.S 135,069 12,468 163,227 9,324 773,218 248,977 P.R	Tex		*******	3		101,069		206,72
Va 219 2 10 5 2,563 Wash 1,347 2,077 382 69 5,233 1,158 W.Va 96 66 181 1 45 45 Win 3,668 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 US 135,069 12,468 163,227 9,324 773,218 248,977 P.R	Utah					******	14	89,26
Wash 1,347 2,077 382 69 5,233 1,188 W. Va 98 66 181 1 45 Wis 3,668 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 US 135,069 12,468 163,227 9,324 773,218 248,977 P.R	Vt		257				*******	
W.Va 96 66 181 1 45 Wyo 3,668 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 US 135,069 12,468 163,227 9,324 773,218 248,977			2				*******	
Wis 3,668 2,617 4,596 90 34,018 1,281 Wyo 2,623 60 65 120 1,619 U.S 135,069 12,468 163,227 9,324 773,218 248,977 P.R	Wash						1,158	50,13
Wyo 2,623 60 65 120 1,619 U.S 135,069 12,468 163,227 9,324 773,218 248,977 P.R							*******	
P.R.					90		1,281	118,82
	U.S	135,069	12,468	163,227	9,324	773,218	248,977	1,295,11
VI				*******		*******		
	V.I							
				-	-			
Total	Total	135,069	12,468	163,227	9,324	773.218	248,977	1,295,11

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year—Continued

		1	Regular annu	al agreement	-Continued		
State or Territory	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand im- provement	Water impoundment reservoirs	Strip- cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
la	25,420	75,754	2,996	2,435	619		14,50
laska	194	178		5			
riz	1,100	46,597		40	30		
alif	25,034	70,705	225 705	443 566	1,895	******	
olo	3,671 11,687	10,579 20,700		2	58	******	
onn	1.858	2,152	43 85	198	115	4,991	8,97
el	645	57	106	1100	12	34	
la	22.031	43.843	3,029	60	61	******	4,07
	22,702	42,059	1,765	1,499	233		11,73
Iawaii	555	4,986	8		13		63
daho	22,289	13,092	23 390	188	58	174	1,21
1	10,050	6,704	390	870	377 338	2,729	15,41
nd	11,633	10,902	433	3,239	338	******	4,68
Cans	23,115 10,716	3,494 2,689	204 16	89	304	5,920	24,75
Cy	46,703	25,108	253	105 93	694 601	364	130,93
A	15,016	44,154	87	129	250	364	2
Maine	7.329	4,364	551	1,548	13	473	******
1d	7,329 2,574	1,904	473	263	42	1,420	******
dass	2.497	1.596	38	1,530	ii	2,440	
dich	46.939	4.410	2,843	572	26	774	
dinn	31,116 21,906	1,999 84,590	871	210	473	6,808	2,98
diss	21,906	84,590	706	1,079	1,005		1,28
10	41,092	59,816	77	431	1,113	82	33,56
font	132,196 23,164	249,190	99	600	80	59,719	******
lev	4,997	12,165 8,492	99	08	299	4,894	49,9
lev LH	310	2,546	35	3,608	15	30	
J	4,651	895	62	66	29	90	1
. Mex	1,625	18,489		68	42		25
I.Y	16,731	4,950	822	2.836	36	5,293	-
V.C	13,683	75,092	1,288	103	151	695	36
. Dak	152,801	17,215	65	17	217	27,893	40
Ohio	7,453	15,682	455	849	90	1,139	
Okla	63,432	39,472	143	205	2,234	1,086	45,2
a	8,378 18,403	13,045	1,876	1,751 726	134	333	6,8
1	182	11,319 255	512 70	21	11	13,970	90
C	7,209	64,930	2.004	6,273	99		2.24
. Dak	132,605	15,354	15	61	256	13,302	3.06
enn	48.801	76,237	99	56	925	20,000	3,2
ex	137,388	280,779	119	53	2,435		33,60
Jtah	2,148	53,470			46		26
/t	4,306	7,554	24	1,781	8	97	
Van	13,322	82,228	1,566	927	183	305	
Wash	28,262	22,172	1,120	1,958	112	1,218	6,00
Wis		34,917 1,608	3.859	162 2,808	62 35	13,594	1,47
Wyo	17,133	28,622	3,509	108	38	******	1,4
U.S	1,289,711	1,719,110	30,410	40,689	15,889	167,337	409,01
P.R	3,175	9.033	330		8		
V.I		332		******	******	******	******
Total	1.292,886	1.728.475	90.740	40,000	12.005	100 000	400.0
	1.202 NRS	1.728.475	30,740	40.689	15,897	167,337	409.01

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year—Continued

State or Territory Ala Alaaka Aris Ark Calif	Diversions (area served)	Streambank stabilization (area served)	Permanent wildiife habitat (area served)	Sediment retention, erosion, or water con- trol struc- tures	Sediment, chemical, or water runoff control measures (area	Windbreaks or shelter- belts (area served)	Reorganizing irrigation systems (area
Alaska Ariz Ark Calif Colo		Acres			served)		served)
Alaska Ariz Ark Calif Colo	15		Acres 212	Number	Acres	Acres	Acres
Ariz Ark Calif Colo			212	2	449	*******	*******
Ark		*******	******	******	******	*******	******
alif	*******	*******	*******	6	******	*******	1,71
colo	374	*******	*******	******	******	*******	87
	3/4	50 15	146	5	21	*******	6,18
onn	15 37	10	10	1	5	*******	4,61
dia	01	********		******		*******	
la			38	28	96	*******	1,08
a		*******	62	1	28 228	*******	1,00
lawaii							
daho	120 410 62 90 142	120			320 2,603 668 893 2,808		1,65
11	410		16 12	21 10 13 2	2,603		
nd	62	40	12	10	668		
owa	90	*******		13	893	12	
ans	142		*******	2	2,808		
y	11		8		484		
a		*******		33			1,38
daine	112 101	*******		******	105 195		
1d	101				195	*******	*******
fass	******	*******	*******	******	******	*******	
dich	189		574 228	9 5 41 11	482	*******	*******
dinn	77	9	228	. 5	1,642 286 884	1,464	******
dies	25	*******	8	41	286	*******	
dont	140	774	8	11	884	*******	*******
iehr	157	774	16	*******	3		2,10
lev	107	******	16	6	5,574		3
CH	*******	*******	******	******	******	*******	3
J	*******	*******	*******	******	******	*******	*******
. Mex	1.040	******	******	3	******	10	******
Y	1,240 535	27	5	3		10	2,0
.C	900	41	1		277 118	*******	******
Dak	*******	*******		******	116	******	
hio	52	200		11	259	40	******
lkla	45	200		111	653 998	40	
reg	45 1,088	130		6		*******	7
	611		1	9 6 3	1,512		
I					-,		
C					87		
Dak			124	2	42	285	
enn	84		1	2 2 7 4	588 4,371		
ex	244	*******		7	4,371		2,16
tah	******	*******	******	4		*******	4,4
1	86	4			22	*******	******
a		*******	1		62	******	******
Vash	818	20	5	5	22 62 254 27 3,759	236	2,9
Vis	462	88	233	24	27	18	******
Wyo	462	40	233	24	3,759	18	1,4
U.S	7,350	1,517	1,703	274	30,452	2,070	33,7
R				-			100
R		*******	*******		*******	*******	******
Total	7,350	1,517	1,703	274	30,452	2,070	33,7

Table 723.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1978 program year—Continued

			Long-term	agreements -	-Continued		
State or Territory	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand im- provement	Water impoundment reservoirs	Strip- cropping	Terrace systems (area served)
la	Acres 762	Acres 451	Acres 55	Acres 25	Number 10	Acres	Acres 50
riz	5	8,458	*******	******	1	*****	******
rk	572	493	*******	*******	9	*******	******
alif	172	493 1,081	23	11	3		
olo	137	4,815	******		18	224	
onn	13	9		25	1		
el	040	******	231			******	
	246 527	100 306	231	145	5 12	35	30
awaii	59	90		140	12	30	30
abo	53 268 572	22 53 406 393 77		40			66
	572	406	6	40 94	5	9	2,96
d	105	393	19	441	10		4
wa	159 377	77	59		12	55	3,24 4,54
ans	377			******	21		4,54
y	652	1,348 1,394	25	164	10	133	
a	868	1,394			4		
ld	155	11 41	5	47	1 5	35 145	
	100	41	•	98	1	140	
ich	1,265	226	69	25 189	3	151	
linn	487	62	1	400	11	151 236	72
im	560	736	20		19		
lo	723	5,807		120	15		1.99
lont	3,021	5,807		87	2 7		
ebr	160				7		5,12
ev		*******	*******	******	******	*******	*******
H	16	*******	******	******	******	*******	******
Mex	******	6,318	*******	******	17	*******	*******
Y	578	205		97	17	570	
C	56	71	197	9,		6	,
. Dak							
hio	259	1,193	49	419	8	28	
kla	1,876	1.686	150	40	47		86
reg	353 541	974	100	87 176	3		1,4
1	541	254	4	176		776	10
c	68	114	78	******		******	******
Dak	819	36	18		1 4	******	
enn	1.931	4.149	5	33	42		3
ex	5,353	16,326	67		87		2.3
tah	391	8,262		******		1,630	
t	216	9		116	6 1	6	
	258 1,320	1,416	101	32	4	17	
Vash	1,320	731	66	******	7		2
V. Va Via	90 491	1,234 55	16	68	7	717	4
Vyo	491	207	16	92	2	717	•
U.S	26,483	69,750	1,360	2,573	425	4,773	25,9
	319	2,	2,500	2,510	1	4,	20,0
R						*******	
Total	26,802	69,750	1,360	2,573	426	4,773	25.93

Table 724.—Agricultural Conservation Program: Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1969-78 and total 1936-78

	3		Cariovean area, annual 1363-76 and total 1936-78	THE TOTAL	19 - 10 an	d total I	336-78					
Practice	Unit	1960	1970	1971	1972	1973	1974	1975	1976	1721	1978	Total 1936-78
Constructing standard terraces?	1,000 acres	615	531	458	572	404		436	3000	2967	404	20.20
Southent or chemical runoff control measures?	9.6	1,092	1,198	1,006	1,408	1,104		1,096	108	2	2	12,607
Stripcropping	9	8	200	169	178	202	* * * *	88	177	83	138	129,292
Establishing permanent vegetable cover Establishing additional areas of vecetable cover	9	3,970	4,028	2,219	3,186	1,697	300	1,066	1,137	1,213	1,320	66,906
Interim cover crops	9	5.215	4.012	2 679	3.156	1 482	:	- 8	25	28	98	27,134
Improving vegetable cover	do	4,037	3,890	3,632	4,567	2,662		2,041	2,471	2,896	1.798	146.623
Improving a stand of trees	9-9	154	130	191	i S	28		5.5	88	8	8	6,880
Wildlife food plots or habitat ?	do	523	889	493	108	88		110	92	38	3 2	1,966
Water Impoundment reservoirs Developing facilities for livestock water	Number	10.888	11,615	42,394 8,950	15,378	41,777	-	19,533	16.504	19,740	16,323	2,378,888
Contour farming Diversion and soreader terraces, ditches, or	1,000 acres	3	88	2	a	13		9	13	919	01	139,869
dikes 2 Sediment retention and water control structures	Number .	11,063	216	13,675	344	16,170	8,106	8.767	7.736	136	142	8,990,999

¹In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975–78, the data include the Regular and Long-Term Agreement Programs.

²In area seved.

AAAACCCCEFGHIUBURBLIANBANAA

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 725.—Soil conservation districts: Funds appropriated by State and Local governments for conservation programs, fiscal year ending Sept. 30, 1979

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	1,000 dollars		1,000
	dollars		dollars
Ala	562	Nev	377
	999	N.H	264
riz	793	NJ	5,83
\rk	3,031	N. Mex	788
Calif	3,619	N.Y	2,596
olo	585	N.C	3,96
onn	3,858	N. Dak	91
M l	1,280	Ohio	4,39
la	2,291	Okla	2,83
la	3,784	Oreg	87
Iawaii	2,550	Pa	1,67
daho	461	RI	
11	3,477	S.C	2,17
nd	2,442	S. Dak	62
owa	7,545	Tenn	2.74
Cans	2,190	Tex	1,51
(y	3,464	Utah	3,37
A	3,324	Vt	29
daine	126	Va	1.25
dd	18,529	Wash	49
dass	2,209	W. Va	6.23
Mich	2,440	Wis	7.05
Minn	6,639	Wyp	13
Miss	1,570	Caribbean 1	42
Mo	1,387		-
Mont	6,492	Total	150.67
Nebr	14,189		200,01

¹ Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 726.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1964-78

Year ¹	Number districts organized ²		Total area	in districts	Approximate land in farms within districts		
Tear	Net increase for the year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total	
	Number	Number	1,000 acres	1,000 acres	1,000 acres	1,000 acres	
964	29	2,971	20,351	1,739,208	8,562	1,059,55	
965	18	2,989	14,073	1,753,281	6,392	1,065,94	
966	6	2,995	15,711	1,768,992	8,212	1,074,15	
967	15	3,010	13,509	1,782,501	7,594	1,081,78	
968	2	3,012	15,971	1,798,472	-11,456	31,070,29	
969	5	3,017	8,066	1,806,538	5,596	1,075,89	
970	9	3,026 3,027	4,505	1,811,043	2,853	1,078,74	
971	1	3,027	13,361	1,824,404	14,340	1,064,40	
972	-3	3,024	11,213	1,835,617	2,754	1,067,18	
973	-62	2,962	375,493	2,211,110	-36,121	41,031,03	
974	-13	2,949	657	2,211,767	1,616	1,032,68	
975	-5	2,944	1,968	2,213,735	1,922	1,034,57	
976	-2	2,942	2,450	2,216,185	2,285	1,036,86	
977	-3	2,939	1,578	2,217,763	993	1,037,8	
978		2,939	-2,735	2,215,028	-594	1,037,2	

Soil Conservation Service.

¹ Fiscal years July 1 to June 30 through 1976; Oct. 1 through Sept. 30 for 1978.
² Totals at the end of each year are net, including corrections and adjustments made during the year.
³ Adjusted to the 1964 Census of Agriculture.
⁴ Adjusted to the 1969 Census of Agriculture.

Table 727.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memoranda of understanding with U.S. Department of Agriculture, cumulative through Sept. 30, 1978

T

			Approx within	imate area ar n organised di	d farms stricts	Districts having memo-
State or Territory	Date district law became effective	Districts organized ¹	Total area	Parme (and ranches)	Land in farms	randa of under- standing with USDA ³
		Number	1,000 acres	Thousands	1,000 acres	Number
a	Mar. 18, 1939 Mar. 25, 1947	67	32,030 375,304	57	13,652	•
niz	June 16, 1941	31	60,340 33,245	6	1,804 28,809 15,695	1
tk	July 1, 1937 June 26, 1938	76 137	33,245 74,449	51	15,695 26,763	
olo	May 6 1937	83	61,411	- 55 30	37,511	
onn		8	3,132	1 1	541	
	Apr. 2, 1943 June 10, 1937	80	1,266 33,866	31	13,583	11
	Mar. 23, 1937	28	37,190	55	15,806	
awaiiaho	May 19, 1947 Mar. 9, 1939	15 51	52,610	3 26	2,058 14,501	
******************	July 9, 1937	98	33,577	112	29,773	
d	Mar. 11, 1937 July 4, 1939	92 100	23,102 35,883	88 152	17,573 34,070	
ans	Apr. 10, 1937	105	52,649	79	49,390	1
	June 11 1940	121	25,377	79 102	49,390 15,950	i
aine	July 27, 1938 Mar. 25, 1941	36	28,119 17,539	42	9,757 1,759	
d	June 1, 1937	36 16 24 15 85 92 82	6,282	17	2,803	
ich	June 28, 1945 July 23, 1937	15	4,973	4	701	
inn	Apr. 26, 1937	92	37,241 50,659	111	11,905 28,743	*
iso	Apr. 4, 1938	82	30,631	54 112	16,040	
omt.4	July 23, 1943 Feb. 28, 1939	110	42,084 91,619	112	31,578 62,680	1
br	May 18, 1937	62 24 32	48,982	24 68	47,225 12,083	
W	Mar. 30, 1937 May 10, 1945	32 10	69,145	2	12,033	
J	July 1, 1937	16	5,958 4,813	3 7	1,036	
Mex. 8	Mar. 17, 1937	50 57	69,503 30,489	14	42,630	
Y	July 20, 1940 Mar. 22, 1937	92	30,489	100	10,146 12,833	
Dak	Mar. 16, 1937	62	45,141	43	43,156	
da	June 5, 1941	88	26,383	92	17,085	
*	Apr. 15, 1937 Apr. 7, 1939	88 88 54 66	44,180 60,603	43 92 83 33 53	35,769 17,631	
	Apr. 7, 1939 July 2, 1937	66	28,927		8,898	
	Apr. 26, 1943 Apr. 17, 1937	3	19,345	29	6.992	
Dak	July 1, 1937	46 69	48,577	51	44.891	
nn	Mar. 10, 1939 Apr. 24, 1939	95 198	26,444 169,355	101	15,057	
ah	Apr. 24, 1939 Mar. 23, 1937	40	48,554	13	137,414 10,229	1
	Apr. 18, 1939	40 14	5,935	7	1,916	
nah	Apr. 1, 1938 Mar. 17, 1939	42 52	25,755 41,623	54 34 17	10,572 17,560	-
Va	June 12, 1939	14 72	15,411	17	4,341	
is	July 1, 1937 May 22, 1941	72	34,858 62,422	89	18,109 35,799	
U.S		2,921	2,212,929	2,413	1,035,923	2.8
R	July 1, 1946	17	2.074	29	1,296	
î	June 1946	1	25	1	40	
Total		2,939	2,215,028	2.443	1.037.259	2.8

¹ For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.
⁹ Upon request, the U.S. Department of Agriculture enters into memoranda of understanding with districts for such assistance from the Departmental agencies as may be available.
⁸ Includes the Imperial Irrigation District.
⁴ Includes three State cooperative grazing districts.
⁵ Includes the Elephant Butte Irrigation District.

Soil Conservation Service.

Table 728.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1978, and cumulative through Sept. 30, 1978

	Soil survey plans			Soil survey plant	
State or Territory	Work during year ending Sept. 30, 1978	Total to date	State or Territory	Work during year ending Sept. 30, 1978	Total to date
Ala Alaska² Alaska² Ariz Ark Calif Colo Conn Del Fla Ga Hawaii Idaho III Ind Iowa Kans Ky La Maine Md Mass Md Mass Mich	Acres 1,134,038 2,105,528 1,193,748 1,770,340 2,225,274 138,939 962,366 562,215 1,874,840 974,889 1,365,120 1,242,765 1,242,765 1,242,765 1,242,766 1,222,765 1,242,766 1,222,765 1,242,766 1,222,765 1,242,766 1,222,765 1,242,76	Acres 19,283,376 386,286,986 22,208,202 26,188,813 21,881,465 35,884,418 30,192,433 30,722,737 30,722,737 31,591,603 25,711,283 43,454,236 17,766,963 12,743,397 7,361,967 6,411,501 3,881,106 15,658,406	Nev N.H N.J. ² N. Mex N.Y N.C N. Dak Ohio Okla Oreg Pa R S.C S. Dak Tenn Tex Utah Vt Va Wash W.Va	Acres 1,337,618 203,472 203,472 203,472 203,472 203,472 203,472 203,65	Acres 26,535,415 3,650,93 4,570,19 54,377,62 18,541,56 13,961,83 26,944,36 18,567,21 15,463,50 31,196,37 18,728,92 135,391,76 16,568,011 2,991,93 10,947,68 35,152,42 8,733,49
Minn Mins Mo Mo Nont Nebr	1,105,718 626,999 1,166,999 1,894,654 1,835,491	23,054,027 23,571,020 17,459,272 39,661,069 31,065,061	Wyo Caribbean ² Total	1,310,970 57,590,621	22,929,53 20,539,40 2,274,10 1,424,413,83

¹The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

³Corrected cumulative total.

⁵Puerto Rico and Virgin Islands.

Table 729.—Soil conservation practices: Newly applies in soil conservation districts with Soil Conservation Service assistance, fiscal years 1974-782

Practice	Unit	1974	1975	1976	1977	1978
Contour farming Conservation cropping systems Striccropping Seeding range and pasture Tree planting Ponds Terraces Diversions Open drains The drains Irrigation land leveling Irrigation water management Land treated for erosion control	Acres	2,653,372 18,923,240 449,707 2,839,331 419,541 23,500 12,445 1,303 8,740 20,000 194,107 3,091,653 27,190,215	2,403,083 15,604,805 366,229 2,697,033 412,486 51,167 19,719 2,444 7,936 28,606 243,667 2,566,817 2,566,817	2,544,956 16,176,357 346,690 2,487,796 257,554 35,964 27,388 2,424 8,687 31,156 231,292 2,838,549 24,347,323	(a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	498,90 2,368,01 412,84 47,10 23,23 5,12 36,54 2,485,45

¹ Includes practices applied under all programs on which SCS provides technical assistance.
² Fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 for 1977.
³ Not reported nationally after fiscal year 1976.

Soil Conservation Service.

Table 730.—Soil conservation practices: Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1978

		Seeding	_	Wildlife	Drain	age	Irrigation		
State or Territory	Strip- cropping	range and pasture	Tree planting	manage- ment	Open drains	Tile drains	water manage- ment	Terracing	Ponds
	Acres	Acres	Acres	Acres	Miles	Miles	Acres	Miles	Number
Ala	14	45,730	38,739	64,638	98	69	12,489	526	1,196
Alaska	733	1,035		452			335		13
Ariz	8,725	5,715 74,192	8,248	107,650 135,087		*****	36,180 148,892		3.
Ark	11	22,616	1.686	118,790	99 63	1,069	81,880	82	2,42
Colo	16,773	19,242	897	84,260	ω.	11	99,292	535	50
Conn	116	1,509	844	659	5	16	99,404	3	5
Del	15	471	759	14.492	119	4	2.364		3
Pla	275	83,961	59,668	100,972	555	326	28,993	703	79
3a	778	53,870	34,554	121,406	209	1.140	73,852	966	70.
lawaii	10	5,712	8	14,000			7,240	111	5
daho	1,692	19,607	55	25,607	8	36	89,796	26	12
11	3,518	19,983	1,610	5,647	65	555	540	396	81
nd	67	22,598	1,885	10,806	43	1,635	825	86	59
owa	25,808	25,507	2,066	10,097	35	14,082	130	1,996	69
Kans	2,795	16,684	57	34,734	24	18	61,764	7,114	1,45
Ку	627	119,351	8,061	4,821	39	989	111111	2	1,53
A		21,878	13,114	214,190	601		49,317		36
Maine	2,033	4,218	1,481	5,492	11	161	1,391		3
	1,352	2,447	521	2,637	250	43	*****		13
Mass	2.071	2,557 32,194	76 11.810	175	3	3,585	368		2
Mich				26,767	43		12,924	*****	45
Minn	10,837	12,705 155,971	1,836 38,005	50,235 338,249	166 460	811	7,089	77	1,11
do	1.610	64,633	836	27,208	201	128	58,399 17,517	1,118	5,18
dont	48,647	41,695	157	61,975	8	20	107,442	1,000	2,43
Nebr	10,750	22,562	1,189	267,210	40	16	443,255	2,217	1.40
Nev	20,100	14.357	1	340		5	12,061	4,41	3
N.H.V.	90	1,598	81	790	7 7	19	156	1	8
N.J	272	491	109	703	7	17	148	i	3
N. Mex		11.355	87	88,908			19,381	20	12
V.Y	6,835	28,046	3,288	4.413	130	981		24	17
N.C	2,534	21,116	24,599	48,736	447	399	244	28	61
N. Dak	137,959	130,606	43	86,866	116		18,304	19	1,25
Ohio	3,975	21,064	2,202	23,040	139	6,727			43
Okla	2,039	110,019	1,774	154,288	8	38	106,740	1,483	3,74
Dreg	221	24,406	4,643	33,253	42	1,031	54,079	143	52
Pa	73,444	35,482	46,432	88,267	43	1,072	103	29	47
ZI		110	72	80		1	******		1
3.C	4,559	12,762	23,481	95,991	470	239	5,016	307	33
. Dak	61,474	196,671	658	165,468	.1	3	21,415	199	97
Tenn	13,731	69,455	11,686	10,828	47	160	96	115	1,31
Tex Utah	2,100	669,978	48,249	11,856,227	204	106	710,654	3,764	4,97
Vt	127	13,488 6,847	84 37	22,134	6 30	15	60,015	12	35
Va	1,460	16,416	8,443	3,590	122	89 234	948	7	44
Wash	6,446	24,527	4,072	40,996	65	255	62,025	60	36
W. Va	883	10,534	2,942	49,924	15	46	10	- 60	21
Wis	25,377	5,755	1.544	17,006	72	364	502	42	36
Wyo	14,642	27,272	70	38,464	3	18	68,039	3	12
Caribbean 2		17,012	59	511	1		3,876	1	1
Total	498,907	2,368,010	412,820	14,679,888	5,124	36,543	2,485,455	23,232	39,84

¹ Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

² Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 731.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1978, and cumulative through Sept. 30, 1978

N	Progr	ess, year end	ing Sept. 30	1978	Cum	ulative throug	h Sept. 30,	1978
State or Territory	New SCD	cooperators	New com		SCD oox	perators	Conservat	ion plans ²
14	Number	Acres	Number	Acres	Number	Acres	Number	Acres
\la	1,392	266,564	3,452	255,040	50,845	10,558,071	50,854	10,048,686
Maska	118	198,486	76	5,179,991	890	2,788,641	450	5,318,008
riz	196	589,176	99	295,280	4,902	13,936,770	3,522	9,152,892
rk	1,560	324,022	1,524	317,799	92,663	18,712,450	90,534	17,987,90
alif	845	435,277	475	221,999	35,389	14,399,690	23,549	8,649,62
oio	859	1,061,229	495	843,829	24,271	29,623,283	16,738	23,000,97
onn	76	8,042	147	8,485	3,557	417,586	2,320	239,56
el	126	14,422	54	8,750	4,247	561,052	2,998	405,94
la	776	247,867	556	314,557	24,903	12,183,681	20,455	8,538,14
a	1,373	316,657	1,119	238,062	88,413	18,160,311	81,937	16,040,40
lawaii	103	157,198	70	28,475	2,137	2,937,397	1,527	1,675,00
daho	535	173,249	246	123,631	22,266	11,552,964	12,211	6,879,79
	1.918	281,564	392	39,758	71,830	13,050,830	49,956	8,360,52
nd	1.531	283,676	953	250,327	68,222	10,058,478	45,607	6,367,00
owa	2,998	683,177	2.304	353,066	105,495	20,667,752	81,818	14,524,20
ans	1.519	570,796	1.412	597,715	94.201	34,037,164	82,201	29,205,17
y	1.704	239,144	1.242	169,807	78.820	13.272,997	57,356	7,387,65
A	2.193	351,975	873	275,795	46,759	11,652,456	38,950	8,895,26
laine	499	85,256	325	53,336	12.310	2,378,129	7,784	1,565,96
Id	670	52.821	408	40,108	21.668	2.827,707	16,791	404.78
lass	185	14,077	124	10.070	6,728	825,916	6,069	712.66
lich	1.137	161.455	650	117,200	61,928	8,451,818	43,978	5,832,67
linn	2,157	603,141	1,242	284,174	66,874	17,951,879	40,297	8,836,14
line	1.736	383,624	1.781	362,315	78,796	15,831,428	71,410	13,539,11
fo	1.932	521,039	1,495	386,348	55,233	13,662,081	36,054	8,011,96
font	401	962,568	192	761,834	14,404	43,502,432	10,298	32,612,51
lebr	1.203	783,241	619	446,784	70,287	32,527,510	50,606	24.519.67
ev	171	113,780	134	116,448	2,438	6,261,670	1,717	3,941,12
.н	258	68,060	156	25,432	6,099	1.135,220	4,096	680.73
J	89	12,504	92	7,104	6,910	960.352	4,640	524.93
. Mex	301	766,322	325	889,053	12.531	40.012.592	10.313	32,198,5
Y	2,857	508,217	1.916	460,137	47,449	10,327,629	32,372	7,187,46
.c	2,277	296,984	1.961	342,158	77,110	11,333,479	64,123	7,681,46
. Dak	463	427,910	507	467,811	37,727	32,187,511	32,040	27,107,9
Phio	2,978	301,279	1,390	120,049	85,747	10,679,054	56,784	7,112,76
ikla	2,729	893,685	2,770	902,360	98,618	30.122.082	96,386	29,286,0
reg	2,725	338,061	203	443,874	17,956	13,157,037	10,140	8,404,62
A	2.233	259,539	2.154	675,569	59,127	10,686,582	44,767	8,279,70
1	17	832	12	1.567	1.589	143,153	1.264	116.2
C	1,375	176,426	825	124.029	35,559	6,755,584	30.941	5,540,17
. Dak	1,047	656,430	447	367,700	35,769	31,969,892	24,974	22,329,04
	1,931	329,583	1.693		66,638	9,799,645		6,029,30
Tenn	6.681		6,837	195,714 3,891,000	198,484	110,015,892	46,145 196,569	109,201,8
lex		3,777,173			12,044	11,587,587	11,196	9,711,56
Jtah	86		92	172,442	12,044	2,390,812	7,833	1,590,56
	242	37,137	123	19,056				
/a	1,478	204,722	1,010	153,913	42,224	6,585,024	31,093	4,775,78
Wash	411	480,013	306	179,323	22,522	11,188,864	15,498	7,728,23
W. Va	1,037	473,907	908	288,872	47,160	7,618,203	34,800	4,280,74
Wis	1,663	413,084	904	155,387	48,888	9,953,950	35,891	6,262,9
Wyo	251	851,263	194	612,487	7,398	25,145,910	5,965	19,207,5
Caribbean ³	242	14,995	190	12,511	21,002	1,166,300	18,804	1,041,46
Total	60,846	21,280,684	47,474	22,608,531	2,211,087	777,714,497	1,764,621	608,933,25

¹Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior ars.

*Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

*Puerto Rico and Virgin Islands.

Table 732.—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1978 and cumulative 1956-78

	As	nount applied		Cost-sha	res paid
Practice	Unit	1978	1966-78	1978	1966-78
INITIAL APPLICATION				Dollars	Dollars
Establish permanent vegetative cover Establish field/wind stripcropping	Acres	102,143	2,719,484	1,760,465	25,416,19
Establish field/wind stripcropping	do	36,924	1,064,111	98,676	1 880 98
Establish contour stripcropping	do	3,572	179,960	31,865	859.36
Establish contour farming	do		4,961		4,46
Reestablishing grasslands	do	90,546	2,213,441	1,882,141	25,511,18
Establishment of trees and shrubs	do	8,437	56,149	229,777	3,005,94 6,571,15
Establish permanent waterways	do	2,820	52,934 7,266	229,777 518,467	6,571,15
Terrace	Miles	4,160	7,286	2,493,885	26,597,39
Diversions	do	183	374	222,068	3,337,66 477,44
Grassland mechanical treatment	Acres Number	7,147	387,915	17,410 288,063	477,44
Grade stabilization structures	do	353 2,916	795 3,124	153,718	6,120,97
Ornor Manualion structures	Linear ft	2,322	288,991	3,434	1,819,29 336,25
Streambank protection, etc	Acres	2,197	148,273	195,232	3,520,23
Recognizing irrigation austama	Acres Number	5.013	5,204	851,048	8,817,68
Irrigation land leveling	Acres	3,365	238,974	268,596	7,220,34
Dama, pita, or pends for irrigation	Acres Number	25	819	59,102	757,23
Irrigation land leveling Dams, pits, or pends for irrigation Lining irrigation ditches	Linear ft	19.343	1,939,695	45,584	1,749,79
Wells	Number	631	23,823	612,029	13,406,12
Developing springs and seeps	do	117	3,359	43,573	697,96
Developing springs and seeps	do	3,661	40,147	716,967	15,602,41
Pipelines Controlling competitive shrubs	Miles	735	10,548	1,149,237	13.009.82
Controlling competitive shrubs	Acres	164,336	5,872,371	795,639	16,759,68
Pences	Miles	878	19,264	863,915	9,060,18
Critical area treatment	Acres Number	2,718	21,641	359,885	1,903,75
Irrigation tailwater recovery system	Number	51	298	65,345	256,056
Disposal lagoons	do	6	75	14,131	82,63
Disposal lagoons Recreation land grading and shaping Water storage facilities Catchment basins	Acres Number	12	16	900	1,07
Water storage facilities	Number	1,459	9,763	628,394	3,200,03
Catchment basins	do		. 5	******	24,55
Shallow water areas Holding ponds and tanks	do	6	17	17,136	68,26
Wheatgrass barriers	do	27	146	87,927	236,41
REAPPLICATION	Linear ft	42,240	1,173,930	22	1,80
Patablish permanent vegetative cover	Acres	11,518	190.328	184.524	1,696,63
Establish permanent vegetative cover Establish field/wind stripcropping	Acres	1,196	1,669	6.453	7.62
Patablish contour stringsonning	4.	1.762	1.762	15,506	15.90
Reestablishing grasslands Establishment of trees or ahrubs Establish permanent waterways	do	3,980	101,923	77,004	1,123,59
Establishment of trees or shrubs	do	394	3,977	32,839	187.97
Establish permanent waterways	do	296	5.071	16,408	205.24
AUTENDES	Mules	44	85	14.525	235.33
Diversions			1	538	5.56
Grassland mechanical treatment	Acres Number		220	******	22
Dams for erosion control, detention	Number	2	57	1,424 5,800	36,46
Grade stabilization structures	do	10	41	5,800	37,88
Streambank protection, etc	Linear ft		1,961	******	16,55
Diversion dams and spreader ditches	Acres Number		3,738		30,95
Reorganizing irrigation systems	Number		5,255	******	5,25
Irrigation land leveling Dama, pits, or ponds for irrigation Lining irrigation ditchee	Acres Number Linear ft		587		11,61
Dams, pits, or ponds for irrigation	Number	******	6	******	2,41
Wells	Number		217	******	16
Wells Developing springs and seeps	Number	5	85	3,726	43,61
Constructing dams, pits, or ponds	do	2	8	******	2,37
Disalines	Miles	1 2	99	203	40,17
Pipelines Controlling competitive shrubs	Acres	5.126	73,879	1,454	11,76
Pences	Acres	0,120	10,019	175	147,74
Fences Critical area treatment	Acres	145	285	9.448	55,98
	Acres Number	140	200	0,940	37.
Water storage facilities Holding ponds and tanks	do	1	3		3.15
Holding ponds and tanks	do		i		1,20
	1				-,000
Tall wheatgrass barriers	Linear ft		0000000		
Tall wheatgrass barriers	Linear ft	*******	0000000	******	

Table 733.—Great Plains Conservation Program: Contracts, area, and obligations, by States, year ending Sept. 30, 1978, and cumulative 1956-78

	Designated		Contract	ts signed		Cost-share	obligations	Contracts completed	
State Designated counties		197	18	1956	-78	1978 1956-78		through Sept. 30, 1978	
Colo Kans Mont Nebr N. Mex N. Dak Okla S. Dak Tex Wyo	Number 37 62 39 61 19 38 30 47 123 13	Number 139 177 87 178 91 148 218 218 170 427 67	1,000 acres 425 112 560 363 892 193 120 393 496 558	Number 4,634 6,140 2,373 7,061 2,111 5,979 7,400 3,551 15,728 967	1,000 acres 12,447 4,213 12,779 9,601 15,725 8,242 5,306 9,519 20,064 6,682	1,000 dollars 1,650 1,396 1,135 1,601 1,066 775 1,412 1,314 3,922 795	1,000 dollars 28,499 20,998 18,365 26,334 15,399 16,729 23,644 18,307 73,272 9,439	Number 2,998 4,530 1,630 5,306 1,541 4,178 5,217 1,797 11,153 450	1,000 acree 8,576 3,113 7,644 6,921 11,096 5,444 3,974 5,221 14,328 3,065
Total	469	1,702	4,112	55,944	104,578	15,056	250,986	38,802	69,372

¹ As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

POOTHOTES FOR TABLE 736

Data may not add to totals because of rounding.

Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such ree cover and that will be naturally or artifically regenerated. Forest land includes transition sones, such as areas etween heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas discent to urban and built up lands. Also included are chaparral areas in the West and afferested areas. The ninimum area for classification of forest land is 1 acre. Roadside, streamide, and shelter belt strips of timber must lave a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearing n forest areas are classified as forest if less than 120 feet in width.

**Sommercial timberland is forest land which is producing or is capable of producing crops of industrial wood and of withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as commercial imberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural tands. Currently inaccessible and inoperable areas are included.

Table 734.—Watershed protection 1 and flood prevention projects: 2 Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1978

ltem	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operation during year	Number	747	1
Critical area planting		4,304	8,70
Grassed waterway Pasture and hayland planting	do	178 32,096	43,56
Ponds Range seeding	Number	215	27
Stripcropping	do	1,216	1
Tree planting		4444	4.43
Wildlife management Woodland improvement	do	89,374	327,47

¹As authorised by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.
²All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1966, work in one watershed was completed.

Soil Conservation Service.

Table 735.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1977 and 1978 and cumulative to Sept. 30, 19781

		Total	completed or acc	quired
Practices and measures ²	Unit	During year ending Sept. 30, 1977	During year ending Sept. 30, 1978	Cumulative, to Sept. 30, 1978
Fire protection: Roads and trails (constructed or rebuilt)	Miles	16	11 36	1,600 3,022
Telephone lines Large water-storage tanks Lookout towers	Number	2		306 170 51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.)	do	6	3	157
Radios (mobile and stationary)	do		2	411
Helispots and heliports Stabilization of roadsides Revegetation—cover improvement:	Miles	43	87	450 3,350
Seeding and planting — trees and shrubs	Acres	12,121	13,678 850	877,904 1,048,12
Mountain channel control: Barriers Planting	Number Square yards .	108	28	1,090
Channel clearing Channel stabilization Forest management: Owner participation	Acres Linear feet Number	15,840 18,700	16,368 24,207	1,105,52 144,61

¹Covers work in following watersheds: Buffalo Creek, Cocea River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

²These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

³Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1959.

8

Table 736.—Forest land: Total forest land and area and ownership of commercial timber land, by regions, Jan. 1, 1977.

				Co	mmercial	timberlan	d*		
Region	Total forest			Federal		State, county, and munici- pal ⁴	Private		
	land ²	All owner- ships	Total	National forest	Other		Total	Forest industry	Farmer and other private
New England	1,000 acres 32,491 51,852 53,270 43,229	1,000 acres 31,015 48,215 49,984 41,556	1,000 acres 770 1,517 5,999 2,929	1,000 acres 706 1,338 5,672 2,406	1,000 acres 64 180 327 523	1,000 acres 1,088 4,474 13,749 792	1,000 acres 29,158 42,223 30,236 37,835	1,000 acres 9,898 2,855 4,219 806	1,000 acres 19,256 39,366 26,017 37,030
North	180,842	170,769	11,215	10,121	1,094	20,103	139,451	17,777	121,674
South Atlantic East Gulf Central Gulf West Gulf	48,710 42,296 51,434 64,632	47,677 40,142 51,045 49,569	3,850 3,033 2,921 4,496	3,026 1,618 2,319 3,793	824 1,215 603 704	930 627 1,041 844	42,897 36,482 47,083 44,229	5,811 9,637 7,831 12,475	37,086 26,848 39,252 31,768
South	207,072	188,433	14,300	10,955	3,346	3,442	170,691	35,754	134,937
Pacific Northwest Pacific Southwest Northern Rocky Mtn Southern Rocky Mtn	172,349 42,138 55,682 82,065	53,507 17,251 33,478 24,287	27,515 8,446 22,408 15,771	23,328 8,168 21,312 15,124	4,187 278 1,096 647	7,731 683 2,414 2,575	18,262 8,122 8,657 5,941	9,662 2,687 2,073 23	8,600 5,438 6,584 5,918
West		128,523	74,139	67,932	6,208	13,402	40,982	14,445	26,537
All regions	740,147	487,726	99,655	89,007	10,648	36,947	351,124	67,976	283,149

See footnotes on page 533.

Table 737.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977

Region	-	Growing stock	2		Sawtimber ³	
region	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
New England Middle Atlantic Lake States Central	Million cubic feet 42,162 57,789 45,032 30,718	Million cubic feet 23,689 7,756 12,391 1,698	Million cubic feet 18,473 50,034 32,641 29,017	Million board feet 76,245 104,194 92,590 84,963	Million board feet 44,244 17,436 30,717 4,669	Million board feet 32,001 86,757 61,872 80,285
North	175,696	45,533	130,166	357,961	97,066	260,916
South Atlantic	59,988 40,134 50,756 50,203	23,333 24,405 23,068 25,998	36,655 15,729 27,688 34,205	171,401 112,478 152,828 169,055	74,317 74,078 86,321 105,256	97,084 38,400 66,507 63,801
South	201,081	96,805	104,277	605,763	339,972	265,792
Pacific Northwest Pacific Southwest Northern Rocky Mtn Southern Rocky Mtn	186,526 49,870 68,699 31,116	173,149 45,979 67,942 26,993	13,377 3,891 757 4,122	950,063 264,716 269,646 120,534	909,792 255,611 267,567 112,812	40,261 9,106 2,079 7,711
West	336,210	314,063	22,147	1,604,938	1,545,782	59,156
All regions	712,989	456,401	256,589	2,568,682	1,982,820	585,863

See footnotes on page 539.

Table 738.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977

Species	Total West	Pacific Northwest ²	Pacific Southwest ³	Northern Rocky Mountain	Southern Rocky Mountain
Softwoods: Douglas-fir Ponderosa and Jeffrey pine True firs Western hemlock Sugar pine Western white pine Redwood Sitka spruce Englemann and other spruce Western larch Western redcedar Inconse cedar Lodgepole pine Other	Million board feet 511,974 192,063 214,500 257,435 25,001 18,779 22,007 50,518 76,492 30,322 43,591 12,687 71,416 19,009	Million board feet 350,611 68,623 88,730 249,908 4,585 5,055 573 80,250 16,318 12,536 33,075 3,098 15,042 11,388	Million board feet 72,938 51,300 71,951 62,7 20,410 1,245 21,434 268 99 101 9,583 4,142 1,603	Million board feet 74,264 34,885 39,551 6,873 10,407 28,157 17,786 10,415 40,849 4,381	Million board feet 14,160 37,246 14,268 72 34,008 11,381 1,637
Total	1,545,782	909,792	255,611	267,567	112,812
Hardwoods: Cottonwood and aspen Red alder Oak Other	14,027 22,854 5,517 16,758	4,327 22,675 1,087 12,171	52 179 4,430 4,444	1,938 141	7,706
Total	59,156	40,261	9,106	2,079	7,711
All species	1,604,938	950.053	264,716	269,646	120.524

¹ Net volume in board feet, International ¼-inch log rule. Data may not add to totals because of rounding.
³ Includes Alaska.
⁴ Includes Hawaii.

Forest Service.

Table 739.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 19761

Roundwood product, logging residues.		Growing stock	k		Sawtimber			
and mortality	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods		
Roundwood products: Saw logs Veneer Pulpwood Miscellaneous industrial Fuelwood	Million cubic feet 6,432 1,334 3,353 345 331	Million cubic feet 5,084 1,238 2,341 226 63	Million cubic feet 1,349 96 1,012 120 268	Million board feet ² 38,476 8,783 9,868 1,475 702	Million board feet ² 31,109 8,210 7,294 1,015 134	Million board feet ² 7,367 572 2,574 460 567		
Total	11,795	8,951	2,844	59,303	47,763	11,540		
Logging residues Other removals	1,410 1,220	824 395	586 825	3,473 3,401	2,317 1,577	1,156 1,824		
Total	2,630	1,219	1,411	6,874	3,894	2,980		
Mortality	4,035	2,311	1,724	12,145	8,763	3,38		

¹Timber removals include the net volume of growing stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.

²International %-inch log rule.

Table 740. -Timber volume: Net volume of sawtimber on commercial timberiand in the East, by regions and species, Jan. 1, 1977:

Granden	Total			North					South		
Boalo	Per	Total	New England	Middle Atlantic	Lake	Central	Total	South Atlantic	Gent	Central	
Softwoote: White and red pines Jeck pines Longifest and sisth pines Longifest and shortlest pines Other yellow pines Other yellow pines Extern bemlote Extern bemlote Ponderous and deffray pines Other	Million Mand Res 36,066 3,340 62,703 25,421 27,013 19,841 19,841 19,841 19,841 10,218	Million 51,061 3,340 3,340 5,032 26,943 16,236 126 56 96,013	Million hourd feet 14,610 14,610 19,366 6,873 3,121	Million board feet 5,360 1,682 2,627 1,947 5,384	Million hoard feet 11,060 3,239 5,630 6,929 4,803	Million board feet b 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Million heard feet 4,986 20,276 20,289 90,080 1,616 11,602 1,002 1,002 1,002	Atillion board feet 3,300 (4,401 11,459 1263 3,507 611 11,459 1263 3,507 611 11,459 1263 1263 1263 1263 1263 1263 1263 1263	Million board fact 28,634 32,515 8,061 28,061	Million Manual Pass 14,488 12,	
Total	437,037	94,086	44,244	17,436	30,717	4,669	339,972	74,317	74,078	86,321	
Select white oaks Select white oaks Select word oaks Other white oaks Hickory Vallow birth Hard maple Soft maple Beeth Man Mangel Beeth Man Mangel Beeth Man Mangel Beeth Man Mangel Man Man Mangel Man Man Mangel Man	54,094 91,074 91,074 92,094 92,094 92,094 93,094 94	27,289 112,870 112,880 11,880 11,880 27,821 11,723	4,728 4,728 1,782 3,540 7,123 6,224 6,224 6,224 1,103 1,103 2,10 2,23 2,844	8,110 1,124 1,124 1,124 1,260 1,176	3,538 7,288 2,171 2,615 10,344 4,454 1,560 1,186	14,781 6,736 6,736 6,736 14,579 1,500 3,073 3,108 619 775 2,296 2,296 2,296 2,296 2,296 1,296 1,296 1,296 1,296 1,296 1,296 1,296 1,296 1,296	26,786 24,785 50,786 50,786 50,046 7,101 7,101 1,022 8,041 1,022 8,041 1,022 8,041 1,022 8,041 1,022 8,041 1,022 8,041 8	11,68 6,118 8,6118 15,489 1,017 1,01 1,01	21.48 9.08 9.08 9.08 9.08 9.08 9.08 9.08 9.0	2011.1.00.00.1.1.00.00.1.1.00.00.1.1.00.00	
Total	526,707	360,916	32,001	86,757	61,872	80,285	265,792	97,084	38,400	66,507	
All species	963,744	367,981	76,245	104,194	92,590	84,963	606,763	171.401	112.478	152.838	li .

1 Net volume in board feet, International 14-inch log rule. Data may not add to totals because of rounding.

Table 741.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 19761

	All s	pecies	Softw	roods	Hards	woods
Item and region	Timber cut ³	Growth 3	Timber cut ²	Growth ³	Timber cut ²	Growth ³
GROWING STOCK New England Middle Atlantic Lake States Central	Million cubic feet 639 663 790 637	Million cubic feet 1,352 1,833 1,692 1,051	Million cubic feet 396 103 181 25	Million cubic feet 847 232 456 70	Million cubic feet 244 560 809 612	Million cubic feet 505 1,600 1,236 982
North	2,730	5,928	706	1,605	2,025	4,323
South Atlantic East Gulf Central Gulf West Gulf	1,664 1,367 1,760 1,780	2,748 2,326 2,990 2,763	981 1,048 1,138 1,304	1,265 1,722 1,635 1,648	683 319 621 476	1,483 604 1,354 1,118
South	6,571	10,826	4,471	6,270	2,100	4,556
Pacific Northwest 4 Pacific Southwest 5 Northern Rocky	3,319 960	2,639 792	3,209 943	2,173 713	109 17	466 79
Mountain Southern Rocky	669	1,280	669	1,264		16
Mountain	176	409	173	325	4	84
West	5,124	5,121	4,994	4,475	130	646
All regions	14,425	21,874	10,170	12,350	4,255	9,524
SAWTIMBER New England Middle Atlantic Lake States Central	Million board feet * 2,061 1,953 2,257 2,354	Million board feet s 2,853 3,674 4,511 2,939	Million board feet * 1,355 206 553 73	Million board feet* 1,795 631 1,446 208	Million board feet * 706 1,687 1,704 2,282	Million board feet * 1,056 3,045 2,731
North	8,625	13,977	2,246	4,079	6,379	9,897
South Atlantic	5,771 4,880 7,717 8,268	9,426 7,534 9,820 9,921	3,564 3,834 5,170 6,370	4,620 5,875 6,520 7,107	2,207 1,046 2,547 1,898	4,807 1,656 3,300 2,814
South	26,636	36,702	18,937	24,122	7,698	12,580
Pacific Northwest 4 Pacific Southwest 5 Northern Rocky	20,164 5,907	12,271 4,023	19,786 5,860	10,754 3,885	379 47	1,517 138
Mountain Southern Rocky	3,846	4,882	3,846	4,845	********	31
Mountain	998	1,711	981	1,492	17	218
West	30,916	22,887	30,473	20,977	444	1,910
All regions	66,177	73.567	51,656	49,178	14.520	24.386

Alia Ari Ari Cal Col Col Fla Ga Ida Ill Ind Ka Ky La Mis Mis Mo Ne Ne Ne Ne Ne

¹ Data may not add to totals because of rounding.

² Timber removals include the net volume of growing stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.

³ The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part of the commercial forest area consists of old-growth timber which contributes little to not annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable alance of growing stock by age classes.

⁴ Includes Alaska.

⁵ Include Alaska.

⁶ International %-inch log rule.

Table 742. - National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1978

State or other area	Gross area within unit bound- aries	National Forest System lands ¹	Other lands within unit bound- aries 2	State or other area	Gross area within unit bound- aries	National Forest System lands ¹	Other lands within unit bound- aries ²
	1.000	1,000	1.000		1.000	1.000	1.000
	acres	acres	acres		acres	acres	ACTOR
Ala	1.263	643	620	N. Mex	10.272	9.245	1.027
Alaska	20,777	20,594	183	N.Y	13	13	
Ariz	11,936	11,270	666	N.C	3,166	1.156	2.010
Ark	3,501	2,469	1,032	N. Dak	1.106	1.106	(3)
Calif	24,338	20,359	3,979	Ohio	833	170	66
Colo	15,909	14,388	1,521	Okla	461	291	170
Conn	(3)	(*)	(3)	Oreg	17,449	15,605	1.84
Pla	1,224	1,084	140	Pa	743	509	23
Ja	1,911	859	1,052	S.C	1,381	608	773
daho	21,667	20,411	1,256	S. Dak	2,269	1,995	27
m	840	258	582	Tenn	1,212	621	59
Ind	645	183	462	Tex	1,836	781	1,05
Kans	108	108		Utah	9,129	8,046	1,08
Ку	2,100	663	1,437	Vt	630	266	36
La	1,017	597	420	Va	3,228	1,610	1,61
Maine	94	52	42	Wash	10,027	9,070	95
Mich	4,870	2,714	2,156	W. Va	1,861	963	89
Minn	5,466	2,795	2,671	Wis	2,023	1,495	52
Miss	2,311	1,139	1,172	Wyo	9,691	9,252	43
Mo	3,082	1,457	1,625	P.R	56	28	2
Mont	19,088	16,768	2,320	V.I	(3)	(3)	******
Nebr	441	352	89				
Nev	5,422	5,143	279	Total	226,201	187,819	38,38
N.H	805	683	122				

INational Forest System lands.—The national forests, national forest purchase units, national grasslands, and other lands administered by the Forest Service. Includes national forest lands withdrawn for use of other Federal agencies where the National Forest reservation has not been revoked. National forests. —Portions of approved national forest acquisition areas established by the Secretary of Agriculture or previously recommended by the Secretary and approved by the National Forest Reservation Commission, located both inside and outside designated or proclaimed national forest boundaries.

National grasslands. —Lands designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act. The acreage shown for the national grasslands are the areas of such lands administered by the indicated unit headquarters or regions. Land utilization projects. —Lands administered by the Forest Service for programs of land utilization and adjustment under Title III of the Bankhead-Jones Farm Tenant Act. Research and experimental areas. —Areas outside of the national forests and grasslands which have been reserved and dedicated to forest or range research and experimentation.

Other areas. —Lands administered by the Forest Service that are not included in the above groups.

2 Other lands within unit boundaries.—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas deach such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

Less than 500 acres.

3 Less than 500 acres

Forest Service.

PENTHETER PUR TABLE 737

¹ Data may not add to totals because of rounding.

² Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

³ Net volume of the saw-log portion of live sawtimber trees in board feet, International ¼-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

⁴ Includes Alaska.

⁵ Includes Hawaii.

Table 743.—Cooperative tree planting: Forest tree distribution program, with costs, United States, fiscal years 1964-781

	_		Costs					Costa	
Year ending June 30 ³	Trees distrib- uted	Federal contribu- tion ³	State ex- penditure	Total	Year ending June 30°2	Trees distrib- uted	Federal contribu- tion ³	State ez- penditure	Total
1964 1965 1966 1967 1968 1969 1970	7housandr 535,429 506,651 521,440 572,088 573,067 523,986 494,941 598,762	1,000 dollars 229 216 219 220 221 203 197 165	1,000 dollars 7,224 6,649 6,593 7,769 8,836 9,911 8,347 5,675	1,000 dollars 7,453 6,865 6,812 7,989 9,057 10,114 8,544 5,840	1972 1973 1974 1975 1976 1977	7housande 582,997 581,090 539,549 577,996 506,494 657,299 (*)	1,000 dollars 175 214 216 225 140 145 (4)	1,000 dallars 5,636 5,966 6,674 5,122 (*) (*)	1,000 dollars 5,81(6,20(6,89(5,34) (4) (4) (4)

¹ Includes Puerto Rico; excludes Alaska. ² Fiscal years July 1 – June 30 for 1964–76; Oct. 1–Sept. 30 for 1977–78. ² Provided by Clark-McNary law, Act of June 7, 1924, as amended.
⁴ Not available.

Table 744.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1964-781

		Accompli	ishmenta		1	Expenditures	
Year ending June 30 ²	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1976 1976	Number 97,063 99,074 105,014 106,328 106,328 115,197 127,828 274,001 106,422 117,990 140,940 105,184	1,000 acree 6,141 6,165 6,553 6,232 7,775 7,184 6,945 7,937 11,156 6,472 7,106 10,369 4,086 4,614	1,000 bd. ft. 668,274 716,950 682,088 517,368 704,241 855,336 1,235,520 869,651 1,578,664 907,311 663,740 592,171	1,000 dollars 15,582 17,442 22,575 22,265 31,429 31,881 27,396 23,608 37,709 44,458 27,517	1,000 dollars 2,268 2,730 3,171 3,184 3,184 3,184 3,655 4,265 4,153 4,265 4,667 4,663 4,667 4,663 4,667 5,529	1,000 dollars 3,978 4,109 4,259 5,021 5,677 6,356 7,972 9,080 10,332 12,394 15,185 17,771 18,646	1,000 dollars 6,24 6,83 7,43 8,17 8,85 9,48 11,62 13,44 14,80 16,51: 19,43 22,43 (2)

¹ Under the Cooperative Forest Management Act of August 25, 1950, and related legislation.
² Fiscal years July 1-June 30 for 1964-76; Oct. 1-Sept. 30 for 1977-78.
³ Not available.

Table 745.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1964-781

Year ending June 30°2	Federal*	State and county	Private owners	Total ex- penditures	Year ending June 30°2	Federal ³	State and county	Private owners	Total ex- penditures
1964 1965 1966 1967 1968 1969 1970	1,000 dollars 12,515 12,783 12,803 12,834 14,357 14,396 16,440 16,505	1,000 dollars 59,751 62,612 71,812 76,612 80,464 85,222 95,293 106,782	1,000 dollars 1,071 1,167 1,243 1,503 1,249 1,337 1,816 1,387	1,000 dollars 73,337 76,562 85,858 90,949 96,070 100,955 113,549 124,674	1972 1973 1974 1975 1976 1977 1978	1,000 dollars 20,000 20,025 20,079 25,182 22,642 20,659 30,006	1,000 dollars 104,732 116,013 130,286 143,866 167,125 196,304 186,938	1,000 dollars 818 847 (4) (4) (4) (4) (4)	1,000 dollars 125,586 136,88 150,38 169,04 189,76 216,96 216,96

¹Excludes emergency funds. ²Fiscal years July 1 – June 30 for 1964–76; Oct. 1 – Sept. 30 for 1977–78.
³Excludes administration and inspection costs. ⁴Included in "State and county." ⁹Preliminary.

Table 746.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1964-78

	Nati	onal forest	lands	-	Sta	te and priv	ate forest le	ında	
		1	National forest	On	protected a	APRA	On	improtected	area
Year	Fires	Area burned over	area under Forest Service adminis- tration	Pires	Area burned over	Forest area	Fires	Area burned over	Porest area
1964 1965 1996 1996 1997 1998 1997 1997 1997 1997 1997 1997	Number 7,063 7,063 7,063 8,965 8,965 8,966 9,233 11,184 9,606 10,625 8,646 11,006 11,474 12,168	1,000 139 64 303 151 158 75 446 117 95 134 138 153 108 391 86	1,000 42,078 182,078 182,139 182,273 182,507 182,516 182,571 182,578 182,774 183,045 183,045 183,280 183,381 183,447 183,555	Number 90,480 91,496 98,157 102,267 107,689 97,393 101,455 91,673 83,010 78,877 105,835 91,026 157,035 142,577 130,796	1,000 acree 1,670 1,206 1,908 1,926 1,633 1,582 1,541 1,827 1,060 1,096 1,511 1,119 2,119 2,119 2,196 1,583	1,000 acree 446,420 472,023 469,328 479,623 486,461 511,965 530,501 574,443 631,162 626,523 706,129 726,356 737,228 748,692 773,772	Number 17,001 13,116 12,772 11,263 7,655 5,846 5,313 3,558 25,607 26,274 24,963 31,574 68,864 15,148 73,954	1,000 acree 2,333 1,300 1,401 2,390 1,394 995 1,019 733 359 153 168 264 2,472 254 2,156	1,000 acres 32,00 30,29 46,74 37,58 28,53 31,12 45,75 39,52 59,58 63,95 63,83 70,84 101,19; 98,50;

As of June 30. Preliminary.

Table 747.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1964-78

Year	Total tin	aber cut ²	Value of	Total	Year	Total tir	nber cut 2	Value of	Total
June 301	Volume	Value ³	forest products 4	including free-use timber	ending June 301	Volume	Value ³	miscel- laneous forest products 4	value including free-use timber
1964 1965 1966 1967 1968 1969 1970	Million bd. ft. 12,964 11,244 12,138 10,861 12,129 11,783 11,527 10,341	1,000 dollars 151,075 161,106 195,590 186,711 239,311 326,997 307,610 257,020	1,000 dollars 529 494 572 575 622 965 696 623	1,000 dollars 151,880 161,880 196,427 189,563 240,226 327,944 308,638 258,404	1972	Million bd. ft. 11,700 12,357 10,958 9,174 9,575 (3,432) 10,482 10,080	1,000 dollars 381,957 479,233 506,615 365,952 492,029 (209,938) 732,547 854,682	1,000 dollary 546 515 519 1,369 1,224 (129) 1,002 1,174	1,000 dollars 382,946 480,124 509,916 368,423 495,367 (210,067 735,949 858,474

¹Fiscal years July 1-June 30 for 1964-76; Oct. 1-Sept. 30 for 1977-78.
²Commercial and cost sales and land exchange.
³Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930.
⁴Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish Sept. 30, 1976.
⁵Includes free-use timber for 15-month period ending Sept. 30, 1976.
⁶Transition quarter July 1, 1976-

Table 748.—Lumber: Production, United States, 1964-78

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
1964	Million bd. ft. 36,559 36,762 36,584 35,602 36,473 35,824 34,668 36,988	Million bd. ft. 29,284 29,295 28,847 28,172 29,285 28,342 27,530 30,039	7,482	1972 1973 1974 1975 1976 1977 1977	Million bd. ft. 37,745 38,595 34,608 32,619 36,295 37,757 37,985	Million bd. ft. 30,975 31,586 27,704 26,747 29,878 31,160 30,583	Million bd. ft. 6,77, 7,000 6,90 5,87; 6,41; 6,59; 7,40;

Preliminary.

542 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1979

Table 749.—Timber products: Production, imports, exports, and apparent domestic consumption, United States, 1964-781

			-	, iii u iii p	tion, C		,	1001				
					Industr	ial round	wood us	ed for-		117	7	
		Lun	nber		1	Plywood a	and vene	er		Pulp	products	
Year	Domes- tic pro- duction	im-	Ex- ports	Apparent con- sump- tion	Domes- tic pro- duction	lm- ports	Ra- ports	Appar ent cor sump tion	- Home	1111	Ex- porta ³	Apparent consumption
1964 . 1965 . 1966 . 1967 . 1968 . 1969 . 1970 . 1971 . 1972 . 1973 . 1974 . 1975 . 1976 .	Million cu. R. 3 5,635 5,645 5,840 5,630 5,535 5,355 5,355 5,355 5,606 5,730 5,145 4,850 5,390 5,610	Million cu. ft. 3 815 815 816 810 800 960 985 1,135 1,405 1,425 1,685 1,230 1,600	Million cu. ft. 3 150 145 160 175 180 180 205 215 225 240 275 255	Million cu. ft 3 6,300 6,340 6,340 6,340 6,140 6,140 6,465 6,860 6,865 6,865 6,865 6,865 6,960	Million cu. R: 960 1,030 1,030 1,120 1,050 1,070 1,230 1,360 1,310 1,150 1,150 1,365 1,386	Million cu. 12.3 90 100 115 110 165 180 170 220 265 220 160 196 196	Million cu. ft. 3 5 5 5 5 10 100 200 15 15 25 66 66 66 60 30	Millio cu. ft. 1,048 1,120 1,130 1,220 1,420 1,240 1,244 1,444 1,544	2,86 3,09 3,15 3,35 3,56 3,56 3,56 3,56 3,66 3,66 4,11	2.5 cu. ft. 1,120 1,120 1,170 1,290 1,240 1,260 1,240 1,260 1,340 1,450 1,4	20 Cu. ft. 3 396 396 396 420 420 525 570 720 56 630 635 630 796 605	CUL. ft. 3 3,586 3,890 4,060 3,970 4,120 4,355 4,390 4,200 4,221 4,511 4,780 3,800
				strial rous	ndwood u	sed for-		ed		Puel-	Domestic	Apparent
Y	ear	Miscel- laneous products, apparent consump- tion ⁸	Imports	Export	Domes produ tion	e- Imp	Total	porta A	pparent onsump- tion	wood apparent consump- tion	produc- tion, all products	consump- tion, all products
1966		Million cu. ft. 3 540 560 565 515 485 425 425 415 405 395 385 380 370	Million 10 10 10 15 15 15 15 15 15 15 15 15 15 15 15 15	CU. ft. 3 170 190 220 310 408 378 430 498 500 418 420 510	cu. ft. 10,17 10,54 10,41 11,02 11,02 11,02 11,03 11,04 11,0	2 CUL. 10 2.10 2.10 2.10 2.10 2.10 2.10 2.10	6, 3 035 100 226 160 395 515 425 575 045 105 145 740		Million cu. A. 3 11,485 11,485 11,930 12,075 11,615 12,376 12,180 12,180 12,180 12,395 10,395 10,395 10,395 11,420 13,025	Million cu. ft. 3 985 915 845 775 700 620 540 540 500 475 808 570 600 630	Million cu. ft. si 11,155 11,455 11,455 11,725 11,620 11,860 11,820 12,150 11,750 11,750 11,750 11,750 11,945	Million cu. R. 3 12,47(12,84(12,984) 12,394 13,000 12,990 12,711 13,070 13,780 13,780 13,780 13,780 13,000 13,000 13,000

¹ Data may not add to totals because of rounding.

² Includes both pulpwood and the pulpwood equivalent of wood pulp, paper, and board.

³ Roundwood equivalent.

⁴ Preliminary.

⁴ Includes cooperage logs, poles and piling, fenceposts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

Table 750.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1964-78

	Year	Douglas- fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hardwoods	Oak, white, red, and black s	Maple*
		Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.					
1964 .		38.10	27.80	19.00	13.30	22.50	18.00	30.60
	*********	42.60	31.70	19.80	19.10	25.00	21.30	31.90
1966 .	**********	50.00	38.60	19.80	20.50	29.30	23.20	40.90
	**********	41.70	38.30	22.20	21.80	27.00	16.80	46.8
	**********	61.20	42.20	30.20	35.60	23.60	17.30	31.3
		82.20	51.70	71.00	45.10	30.20	28.20	41.10
970		41.90	44.10	32.10	20.50	26.90	26.60	34.4
	**********	49.00	52.20	37.60	20.60	24.60	21.20	37.8
1972	**********	71.70	65.60	65.80	49.00	34.30	26.60	59.4
	**********	138.10	93.40	92.30	99.20	46.00	43.60	71.4
1974	**********	202.40	76.20	100.60	110.80	45.90	54.70	79.5
	**********	169.50	57.00	71.20	68.80	33.90	29.70	39.6
		176.20	87.00	101.80	79.70	34.90	43.40	36.6
		225.90	100.30	131.40	89.30	37.90	60.00	42.1
1978		250.30	134.50	164.70	113.60	41.10	59.20	57.4

¹Western Washington and western Oregon. ²Southern region. ³California region. Includes Jeffrey pine. ⁴Pacific Northwest region. ⁵Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule besis, except in the Northeastern States where international %-inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization proct lands.

Table 751.—Timber products: Producer price indexes, selected products, United States, 1964-78
[1967-100]

Year	Lum- ber	Ply- wood ¹	Wood pulp	Paper	Paper- board	Year	Lum- ber	Ply- wood 1	Wood pulp	Paper	Paper- board
1964 1965 1966 1967 1968 1969 1970	92.9 94.0 100.1 100.0 117.4 131.6 113.7 136.0	104.2 103.9 109.2 100.0 133.6 140.3 116.4 131.2	98.1 100.1 100.0 100.0 100.0 100.0 109.6 112.1	94.2 94.6 97.5 100.0 102.0 105.5 111.0 114.2	101.5 101.5 102.2 100.0 95.9 99.4 101.1 102.4	1972 1973 1974 1976 1976 1977 1978 ³	159.4 205.2 207.1 192.5 233.0 276.5 322.4	158.6 201.8 227.3 238.3 263.1 295.2 349.0	111.5 128.3 217.8 283.4 286.0 281.1 266.5	116.3 121.4 148.6 172.9 182.3 194.3 206.1	108. 115. 152. 170. 176. 176.

¹Softwood plywood, interior panel ¼-inch, grade A-D. ²Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

Table 752.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1964-78

		Number	grazed 1	Receipts		Number	grazed1	Receipts
	he	Cattle and horses 2	Sheep and goats	from grazing ³	Year	Cattle and horses 3	Sheep and goats	from grazing 2
1964 1965 1966 1967 1968 1969 1970 1971		Thousands 1,360 1,376 1,476 1,521 1,531 1,577 1,607 1,606	Thousands 2,204 2,112 2,309 2,264 2,210 2,162 2,105 2,051	1,000 dollars 3,790 3,521 3,961 4,184 4,063 4,438 4,371 5,413	1972 1973 1974 1978 1976 1977 1978	Thousands 1,633 1,571 1,580 1,626 1,696 1,587 1,557	Thousands 2,049 1,596 1,470 1,549 1,750 1,473 1,284	1,000 dollars 5,516 6,196 7,796 10,900 11,443 11,037

¹Data for years 1964-72 are for livestock permitted to graze, 1973-76 are for authorized use, and 1977-78 are number actually grazed.
²Prior to 1973 data included swine.
³Fiscal year ending June 30 for 1964-76.
⁴Fiscal year ending September 30.
⁵Includes burros.

Table 753.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1978, by States

	Number	grazed			Numbe	r graned	
State or other area	Cattle, horses, and burros	Sheep and goats	Receipts from grazing ¹	State or other area	Cattle, horses, and burros	Sheep and goats	Receipts from grazing 1
Ala	Number 886 132,770 9,188 101,606 204,451 2,233	Number 62,369 74,979 249,003	Dollars 1,014 10 1,796,766 11,327 2593,933 1,121,393 10,430	N. Dak Ohio Okia Oreg S.C S. Dak Tex Uttab	Number 80,086 2 4,786 113,736 161 75,701 10,211	Number 975 82,145 7,901 254,568	Dollars 986 623,272 141,033 6,342
Ga Idaho III Ind Kans Kans La	544 143,885 639 60 5,833	282,614 1,112	2,333 939,873 1,017	Utah Vt Va Wash W. Va Wis	111,257 44 890 49,203 1,241 51 156,449	180 5,548 495 189,993	769,744 91 1,511 148,807 5,764 713,72
Mich	76 57		******	National forests	1,349,268	1,247,875	9,390,981
Miss Mo Mont Nebr	3,843 4,942 143,825 20,690	43,235 510	5,446 9,673 818,052 160,386	National grasslands and land utilization project lands	208,078	35,797	1,646,022
Nev N. Mex N.Y N.C	63,307 106,318 2,071 49	47,581 30,456	388,463 1,108,510	Total	1,587,343	1,283,672	11,087,000

¹ Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.
⁸ Includes \$3,196 in receipts from Oregon and California Railroad Grant Lands.

Forest Service.

Table 754.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1964-78

Year ending June 30 ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²	Year ending June 301	From the use of timber ³	From the use of grazing	From special land uses, water power, etc.	Total ³
1964 1965 1966 1967 1968 1969 1970	1,000 dollars 127,962 138,772 164,940 172,791 205,627 306,815 283,907 217,035	1,000 dollars 3,790 3,521 3,861 4,184 4,083 4,438 4,371 5,413	1,000 dollars 5,763 6,946 6,816 7,541 8,613 10,001 11,425 13,741	1,000 dollars 137,514 149,239 175,616 184,517 218,323 321,254 299,703 236,189	1972 1973 1974 1976 1976 (3) 1977	1,000 dollars 330,030 446,733 459,892 341,305 418,564 (196,347) 652,050 723,330	1,000 dollars 5,515 6,196 7,796 7,665 10,909 (1,164) 11,443 11,037	1,000 dollars 14,482 16,819 17,996 24,091 25,190 (7,489) 28,076 30,569	1,000 dollars 350,007 489,748 485,684 373,061 454,663 (206,000 691,565 765,356

AAACCFGHILBERLINENNINN

Fiscal years July 1 – June 30 for 1964–76; Oct. 1 – Sept. 30 for 1977–78.
 Includes receipts from Oregon and California Railroad Grant Lands.
 Transition quarter July 1, 1976–Sept. 30, 1976.

Table 755.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1977-792

State or other area	1977	1978	1979	State or other area	1977	1978	1979
The same of the sa	1,000	1,000	1,000		1,000	1,000	1,000 dollars
	dollars	dollars	dollars		dollars	dollars	dollars
Als	554	686 2,555 4,889 2,992	624	N.H	162	239	251
Alaska	309	2,555	3,110	N. Mex	1,131	2,046	2,355
Ariz	2,479	4,889	5,037	N.C	188	258	2,358 315
Ark	2,479 1,472	2,992	3,055	Ohio	21	52	44
Calif	23,430	47,886	49,613	Okla	198	407	451 101,553
Colo	1,017	1.878	1,336	Oreg	47,376	258 52 407 89,775	101,553
7la	873	1,079	1,027	Pa	351	352	474
Gn	311	537	826	S.C	1,164	992	1,897
Idaho	311 4,415	14,379	11,807	S. Dak	86	476 224 1,325	743
ni	25	43	32	Tenn	108	224	170
Ind	25 39	33	56	Tex	1.230	1,325	1,344
Ky	110	222	116	Utah	447	630	888
La	1,624	222 2,525	2,759	Vt	34	131	174 1,807 743 170 1,344 885 55 31,191
Maine	11	17	17	Va	67	116	150
Mich	318 167	672 397	900 360	Wash	12,777	28,795	31.191
Minn	167	397	360	W. Va	115	106	12
Miss	2,091 1,321	4.193	4.572	Wis	308	475	12i 36i
Me	1.321	2.113	1.907	Wyo	463	851	1,116
Mont	2,642	9,428	8.259	P.R	4	4	4
Nebr	40	46	45				
Nev	145	294	228	Total	109,523	224,098	238,863

Table 756.—National Forest System lands: Number of visitor-days, by States, and Puerto Rico, for the year ending Sept. 30, 1978

State or other area	Devel- oped sites	Dis- persed type	Total	State or other area	Devel- oped sites	Dis- persed type	Total
	Thou-	Thou-	Thou-		Thou-	Thou-	Thou-
	aunds	sands	sands		annds	sands	sands
Ala	272	886	1,157	N. Mex	2,630	3,464	6,096
Maaka	735	2,798	3,533	N.Y	10	8	11
Aris	5,007	6,805	11,812	N.C	1,132	3,041	4,17
Ark	748	2,090	2,838	N. Dak	15	114	12 87 48
Calif	21,969	32,670	54,638	Ohio	62	307	37
Solo	8,569	12,665	21,234	Okla	82	387	46
1	1,488	2,035	3,524	Oreg	7,494	9,576	17,07
3a	425	1,419	1,844	Pa	618	1,292	1,91
daho	3,193	6,679	9,872	8.C	194	724	91
	197	824	1,021	S. Dak	612	1,810	2,42
nd	191	596	788	Tenn	887 364	1,164	2,05
Kans	6	25	31	Tex		1,480	1,84
y	522	1,907	2,429	Utah	4,285	7,495	11,78
	251	361	612	Vt	415 650	187 2.637	3,28
Maine	94	39	133				14.06
Mich	1,379	4,124	5,503	Wash W. Va	5,182	8,876	1.64
Minn	1,301	3,105		W. Va	464 541	1,181	1,96
Mim	248	790	1,038		2,123	1,425 3,801	5,92
Mo	375	1,076		Wyo			82
Mont	2,579	5,691	8,270	P.R	351	172	02
Nebr	61	107	169		70.791	138.864	218.49
Nev	822	1,130	1,952	Total ³	79,631	136,864	218,49
N.H	1,091	1,901	2,992				

¹Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous intermittent.

Data may not add because of rounding.

Table 757.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1964-78

	Visitor	-days1	Big g	ame ³	Big game hur	ster harvest 4
Year	Fishermen	Hunters	Deer	Others ³	Deer	Others ⁵
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
964	19,358	10,817	3,965	593	571	9
965	16,197	14,100	4,023	623	574	9
966	14,709	13,119	3,800	618 634	516 530 535 562	
967	13,956	13,249	3,996	634	530	
968	14,521	14,043	3,839 3,691	596	535	1
969	14,868	14,148	3,691	599	562	
970	15,239	14,308	3,609	601	493	1
971	14,842	13,130	3,467	602	471	1
972	15,457	13,740	3,292	608	396	
973	15,761	14,232	3,065	610	376	
974	16,403	14,423	2,992	636	376	10
975	16,151	14,472	2,809	647	338	1
976	16,098	14,059	2,698	652	312	10
977	16,029	14,517	2,723	686	291	1
978	16,559	14,946	2,778	682	359	10

¹ Data for 1964 are user visits; beginning 1965, data are visitor-days. A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. 1978 data for fiscal year ending Sept. 30.

² Inventory as of Apr. 30.

³ Includes antelope, elk, bears, lions, moose, mountain goats, bighorn sheep, peccaries, and wild boar; population data also include alligators, beginning 1973.

⁴ For years ending June 30.

Forest Service

Table 758.—Pulpwood consumption, wood pulp production, and paper and board production and consumption, United States, 1964-77

					Paper and board	1
٠	Year	Pulpwood consumption 1	Wood pulp production	Production	Estimated total con- sumption or new supply 2	Per capita consumption
1964		1,000 cords ³ 50,148	1,000 tons 32,415	1,000 tons 41,703	1,000 tons 46,380	Pounds
1965		 51,970	33,993	44.091	49,111	48- 500 533 525 586 567 611 63 619 52 59
		 56,260	36,603	47,113	52,680	53
1967		 55,932	36,660	46,899	51,940	52
1968		 62,092	40,892 42,813	51,245	55,666	50
1970		 65,892 67,562	43,546	54,058 53,516	58,796	56
1971		 67,157	43,903	55,086	59,672	57
1972		 71,538	46,767	59,457	64,510	61
1973		 73,596	48,327	61,304	66,881	63
1974		 74,327	48,349	59,930	64,669	61
1975		 65,421	43,084	52,521	55,955	52
1976		 72,011	47,721	59,898	63,951	59
19774		 73,971	49,033	61,869	66,475	61

1 E

3

ind E

¹ Includes changes in stocks.
² Production plus imports and minus exports; changes in inventories not taken into account.
³ One cord equals 128 cubic feet.
⁴ Preliminary.

Forest Service. Compiled from U.S. Department of Commerce publications.

POOTNOTES FOR TABLE 761

¹ Reports of the U.S. Department of Commerce.

² Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" por to 1976.

³ Barrels of 50 gallons.

⁴ Total supply less exports and Mar. 31 stocks.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 759.—Turpentine and rosin: Reported industrial consumption, United States, 1976-78

Year	Turpentine,	crop year beg	inning April	Rosin, 1 cro	p year begins	ning April
lear •	1976	1977	1978	1976	1977	1978
Chemicals and rubber Ester gums and synthetic resins Paint, varnish, and lacquer Paper and paper size Other industries	Barreis ² 476,160 (⁴) 740 (⁴) 3,690	Barrels ² 464,150 (4) 1,020 (4) 8,110	Barrels ² 496,840 (⁴) 650 (⁴) 7,780	Drums ³ 445,870 283,060 22,260 370,370 81,220	Drums ³ 376,040 241,940 22,260 357,560 75,750	Drums ³ 362,100 233,130 19,440 463,610 89,540
Total	480,590	473,280	505,270	1,202,780	1,073,550	1,167,830

¹ Includes B-wood resin.

² Barrels of 50 gallons.

³ Drums of 500 pounds net weight for wood; 517 pounds for gum.

⁴ Included in other industries to avoid disclosure of individual operations. Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 760. — Gum naval stores: Market prices and value, United States, 1964-78

	Average price per standard barrel received		erage market ice ¹	Marke	et value of prode	uction
Crop year beginning April	by producers for commercial crude gum delivered at central stills	Turpentine, per gallon	Rosin, per 100 pounds net	Turpentine	Roein	Turpentine and rosin
DESCRIPTION OF THE PARTY OF THE	Dollars	Dollars	Dollars	1.000 dollars	1,000 dollars	1.000 dollars
964	30.50	0.450	11.02	2,691	22,368	25.056
965	30.20	.555	10.36	3.091	19.352	22,44
966	29.80	.562	10.30	2,366	14,534	16.90
967	31.00	.574	10.36	1.944	11,966	13,910
968	31.24	.770	10.45	1,941	9,241	11.18
969	36.57	1.138	11.80	1,991	7,244	9.23
970	47.37	1.200	15.03	1.550	6,818	8.36
971	51.14	1.200	16.93	1,702	6,210	7.91
972	55.17	1.046	18.89	1,389	8,694	10,063
973	60.97	.806	22.72	863	8,737	9,600
974	84.36	1.389	35.92	1,084	10,106	11,190
975	59.59	1.585	25.15	1,640	9,338	10.97
976	59.46	1.427	24.46	1,278	7,971	9,249
977	65.46	1.425	25.35	1,035	6,702	7,737
978	67.82	1.610	27.54	784	4,925	5,706

Computed from data compiled by the Market News Service in Raleigh, N.C.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

FOOTNOTES FOR TABLE 762

¹ Imports for consumption, as reported by the U.S. Department of Commerce.

² Breakdown between gum and wood not available prior to 1976. All imports are included in "Gum" in "Total supply" prior to 1976.

³ Drums of 520 pounds net weight for wood; 517 pounds for gum.

⁴ Less than 500 drums.

⁸ Reports of the U.S. Department of Commerce. Includes some modified rosin.

⁸ Total supply less exports and Mar. 31 stocks.

⁷ The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports between gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 761. - Turpentine: Supply and distribution, United States, 1966-78

							Sul	Supply			-			
	on .	Stocks, April 1	1			Production			Imports fe	Imports for consumption 12	tion 12		Total supply	
Crop year beginning April		-				Wood								
	Gum	Wood	Total	Gum	Steam	Suifate	Total	Total	Gum	Wood	Total	Gum a	Wood	Total
986 986 987 1977 1977 1977 1978	Agrange 28,810 16,280 11,010 11,010 11,530 1	Remets 1118,670 1118,670 1118,670 1118,670 1118,670 1108,046 1108,	Barrels 145,090 1140,290 1160,290 1160,290 1101,890 1101,890 1101,890 1101,890 1101,890 1101,890 1101,090 90,870 90,870	24 24 24 24 24 24 24 24 24 24 24 24 24 2	Remarks 1154,540 1164,540 1169,640 1169,630 1169,630 1169,430 1169	Rarrales 486.780 419.730 466.380 466.380 466.380 466.380 466.380 466.380 466.380 466.130 466.130 466.100 466.1	Burrals 861,280 661,280 661,760 662,380 666,28	Recruels 665,800 687,340 687,370 687,370 687,370 686,086,086,086,086,086,086,086,086,087,080 687,280 647,240 807,740	Barrads*	Barrels* 6770	100 C C C C C C C C C C C C C C C C C C	######################################	Berrals 686,570 678,877 686,130 686,130 686,130 686,130 686,130 686,43	Acres 2 888.89 1780 1780 1780 1780 1780 1780 1780 1780
							Distribution	utjen						
Crop year beginning April		Exports !			Stocks,	Stocks, March 31		Domes	Domestic disappearance 54	*Boo s	Rep	orted indi	Reported industrial consumption	umption
	Gum	Wood	Total	Gum		Wood	Total	Gum	Wood	Total	Gum	6	Wood	Total
100 mm m	A 17,980	Barrets 14,300 28,410 2	Mary 18 (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4		Mary 11,010 11,020 11,020 11,020 11,030 11,0	181 181 181 181 181 181 181 181 181 181	Marrale 1 140,200 106,400 106,400 102,000 102,000 100,750 100,750 100,750 101,	Act of the control of	Agrash 9 852,500 851,730 850,130 850,130 846,530 846,530 846,530 846,530 846,530 846,530 846,530 846,530 846,530 846,530 846,530 846,530 846,530	Barrada 648, 980 680, 980 680, 980 680, 980 680, 980 680, 980 680, 980 680, 480 680, 980 680, 480 680, 980 680,		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14468814121618 1446816812121618	Arrage 1 (1970)

See footnotes on page 546.

Table 762.-Rosin: Supply and distribution, United States, 1966-78

Table 762.—Rosin: Supply and distribution, United States, 1966-78

							Sug.	Supply			į,	oll		
	on.	Stocks, April 1	-			Production				Imports! 3		and it	Total supply	1
Crop year beginning April						Wood								d y
	Gum	Wood	Total	Gum	Steam	Tall oil	Total	Total	Gum	Wood	Total	Gum	Wood	Total
987 987 987 987 987 987 987 987 987	1,000 drums** 684 684 684 684 684 684 187 187 187 187 187 187 187 187 187 187	2000 drums of 374 374 386 896 896 1124 1112 1126 1113 1126 1113	1,000 drums drums	1,000 drums drums 171 171 1119 88 88 86 86 86 86 86 86 86 86 86 86 86	1,000 drums drums 966 966 830 734 734 734 734 740 658 858 858 858 854 744 858	1,000 drums* 680 7114 7114 800 800 800 800 800 710 800 710 800 710 800 710 800 710 800 710 800 710 800 710 800 800 800 800 800 800 800 800 800 8	1,000 drums 4,1646 1,646	1,000 drums* 1,968 1,741 1,741 1,631 1,631 1,305	1,000 drums* drums* 116 286 41	J.000 drums* 10 10 10	1,000 drums 1 1 1 (*) 6 24 24 108 1162 253 253 253 253 253 253 253 253 253 25	1,000 drums* 1,135 1,066 866 114 4115 1164 1186 1186 1186 1186 1186 1186	1,000 drumar 2,008 1,964 1,964 1,663 1,663 1,663 1,480 1,480 1,596 1,596	1,000 drums 4 3,119 3,013 2,473 2,107 1,887 1,817 1,616 1,616 1,616 1,616 1,616 1,616 1,616 1,616
							Distribution	ution						
Crop year beginning April		Exports			Stocks,	Stocks, March 31		Domes	Domestic disappearance **	rance 67	Rep	sorted indu	Reported industrial consumption?	mption,
	Gum	Wood	Total	Gum		Wood	Total	Gum	Wood	Total		Gum	Wood	Total
986 987 987 987 987 987 987 987 987	1,000 drums of 194 194 198 118 118 118 118 118 118 118 118 118	1,000 drums of 554 654 654 655 654 655 859 859 859 851 1181 1181 1181 1181 1	1,000 drums 4 608 704 704 868 868 868 868 811 114 1114 1164 1164	drum drum	1,000 drums	7,000 drums 1,000 286 286 286 286 113 113 113 113 113 114 115 116 116	1,000 drums of 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,166 2,22 2,22 2,22 2,22 2,22 2,22 2,2	1,000 drums s 172 172 173 128 128 128 138 138 138 138 138 138 138 138 138 13	1,000 drums ² 1,136 1,136 1,136 1,136 1,146 1,1	1,000 drums of 1,349 1,349 1,347 1,277 1,2		1,000 drums of 172 172 111 111 100 104 104 104 104 104 104 104	1,000 fruss 1,130 1,420 1,430 1,430 1,130 1,172 942 942 1,104 1,104	1,000 drums 67 1,689 1,689 1,680 1,682 1,582 1,282 1,282 1,103 1,103 1,103 1,103 1,103

See footnotes on page 547.

CHAPTER XIII

CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 657.

Table 763.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1964-79

Year	Jan. 1	July 1	Year	Jan. 1	July 1
1964 1965 1966 1967 1968 1969 1970	Millions 187.9 190.5 192.6 194.4 196.4 198.3 200.5 203.1	Millions 189.1 191.6 193.4 195.3 197.1 199.1 201.7 204.3	1972 1973 1974 1975 1976 1976 1977 1978	Millions 208.5 207.3 209.0 210.6 212.3 213.9 215.7 217.4	Millions 206. 208. 209. 211. 213. 214. 216. 218.

Economics, Statistics, and Cooperatives Service — Economics. Estimates based on published and unpublished records of the U.S. Department of Commerce.

Table 764. - Food nutrients: Quantities available for consumption per

Ascorbic	Mills 1994 1995 1995 1995 1995 1995 1995 1995
Vitamin	**************************************
Vitamin B.	######################################
Niscin	Addagagagagagagagagagagagagagagagagagaga
Riboflavin	######################################
Thiamin	Mills 1.81 1.81 1.92 1.92 1.93 1.93 1.93 1.93 1.93 1.93 1.93 1.93
Vitamin A value	Anthony 2000 8,100
Magne	# E 22 22 22 22 22 22 22 22 22 22 22 22 2
Iron	Milk- 170 167 178 178 178 181 181 181 182 188 188 188 188 188 18
Phosphorus	Grans 1.54 1.55 1.55 1.55 1.55 1.55 1.55 1.55
Calcium	F-222333222333323
Carbohy- drate	Orang 972 972 980 981 981 981 981 981 981
2	41 41 41 41 41 41 41 41 41 41 41 41 41 4
Protein	97888888888888888888888888888888888888
Food	A 180 8,180 8,180 8,180 8,20 8,2
Year	1986 1986 1986 1986 1987 1987 1987 1987 1988 1988 1988 1988

Organization of nutrients computed by Science and Education Administration, extenders;
Communes and Food Economics Institute, on the beais of estimates of pre capits foo a scorptic as consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics, Spatistics, and Cooperatives Service, No deduction made in nutrient estimates for less or waste of food in the home, use for pet food, or for destruction or Pertinnia in second particular of food. Civilian consumption, Data include irror, thismin, ribefavir, and main added to flour and correal products, other nutrients added primarily as follows: vitamin A value to margarine, milk of all types, milk

extenders; vitamin B, to cereals, meal replacements, infant formulas; vitamin Bs to cereals; assorbic act to fruit thickee and drinks. flavored beverages and desert powders, milk extenders and create, quantities of added nutrients for 1964-66 were estimated in part by Consumer and Food Economics Institute.

Science and Education Administration.

Table 765.—Food nutrients: Percentage of total contributed by major food groups, 1967 and 1978;

Food group and period	Pood	Protein	2	Carto	3	Phoe	Iron	Magne	Vitamin A value	21	Ribo	Niacin	Vitamin B.	Vitamin	Ascor- bic acid
1967 set (including pork fat cuts), poultry, and fash, any products, excluding butter reserved for the and oils, including butter fruits and everpetations and sweetpottstone for trees and effect well with the and effect, behave and effect, behave and every peaks, the stope flour, and grits us and cervel products are and cervel products are and cher every products in and other every products are constanted and other every every products and cher every every event and cher every every every event and cher every event and cher every event event every event eve	7-7-7-20 2020 2011 2011 2012 2013 2014 2015 2015 2015 2015 2015 2015 2015 2015	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28 28 28 28 28 28 28 28 28 28 28 28 28 2	Par 200 11.2 12.5 12.5 13.5 14.5 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	* # # # # # # # # # # # # # # # # # # #	F 2008 2004 2004 2004 2004 2004 2004 2004	7 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	F # 22 4 28 5 28 5 28 1 2 4 2 8	₹ 200 800 800 800 800 800 800 800 800 800	## # # # # # # # # # # # # # # # # # #	F 10230 02333415	74.0 a 8.0 a 6.0 a	₹ £ 23 3 1 1 2 2 1 2 2 2 3 5 1 1	F F S S S S S S S S S S S S S S S S S S	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Notal •	100.0	100.0	1000	100.0	100.0	1000	100.0	1000	1000	1000	1000	100.0	1000	100.0	1000
at (including pork fat cuts), poultry, and fash, for products, estellading butter fruits and only, including butter rus fruits and oak, including butter fruits atons and sevetpotations are fruits as an eventpotation for vegetables, including tomatons for vegetables, including tomatons for vegetables, including tomatons for and oereal products for and development of the considerations.	8411 4411 4411 4411 4411 4411 4411 4411	24 2 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88888	242 372 47238	822433136822	88.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	8440 84488464 844888469	347.4236434443	80.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8440448 448€	1250 4774275 4	3-10-22-225-8	\$43£422233\$£	5-500000000000000000000000000000000000	() () () () () () () () () () () () () (
'otal'	100.0	100.0	1000	100.0	100.0	1000	100.0	1000	100.0	1000	1000	1000	1000	1000	1000

Percentages for food groups are based on nutrient data included in totals in table 764.

Than than 106 percent 2006 percent of cooca beans and fortification of products not assigned to a specific food group.

**Coffee and chocolaise liquer equivalent of cooca beans and fortification of products not assigned to a specific food group.

*Components may not add to total due to rounding *Preliminary.
Science and Education Administration.

Table 766.—Food consumption: Index of per capita consumption, by major food groups, United States, 1964-781
[1967-100]

					[19	67=1	00)								
		Meat, poult	ry, fi	eh								Fat	a an	d oils	
Year						E	ee-	inc	Dairy oducts, cluding	Prob	iding		lne	luding but	iter
	Meat ²	Poultry	Fish		Total			P	utter	but		Anin	nal	Vegetable	Total
1964 1985 1987 1987 1989 1970 1970 1971 1972 1973 1974 1976 1977 1978	98.3 93.9 96.1 100.0 102.4 101.9 104.0 107.0 106.2 97.7 104.6 107.9 107.0 103.0	85.6 90.6 96.0 100.0 98.6 103.3 107.0 107.8 112.8 108.7 110.6 108.1 116.0 119.4 125.9	98 101 102 100 103 104 110 107 117 121 114 113 120 119	0 5 9 6 8 4 2 6 7 8	96.3 93.9 96.4 100.0 102.0 102.3 104.7 107.1 106.8 100.4 106.8 102.7 109.6 109.2 107.0		99.3 97.8 97.5 100.0 98.5 96.6 97.0 98.0 96.1 91.6 89.9 87.0 85.5 84.8 86.5		104.0 103.4 101.9 100.0 101.1 100.2 96.9 99.3 100.0 99.7 98.0 98.8 100.1 99.6 100.1	11 11 11 11 11 11 11 11 11 11 11 11 11	94.3 95.4 00.0 00.0 03.8 06.0 06.3 06.6 11.8 12.4 10.0 09.9 16.4 112.4 112.4 113.5	88 80 71 71 60 60	2.6 3.7 3.1 0.0 2.9 2.6 7.7 3.6 0.8 3.0 2.4 5.2 0.3 1.0 8.3	91.1 92.3 102.0 100.0 103.8 113.5 119.3 115.6 127.6 128.9 136.4 136.2 143.6	100.0 99.3 100.4 100.0 103.4 104.6 106.9 104.1 107.7 107.9 104.9 106.5 109.8
	2	Fruite									Veg	etable			
Year	Fresh	Processed		otal	Mei	oma*		mh '	L		Pro	cessed			Total 4
	71000	Frace		oua.				-		nned	Pi	osen		Total	1001
1964 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	100.8 101.8 102.5 100.0 199.1 199.8 102.0 100.6 94.3 94.2 97.0 106.6 108.2 108.0	93.0 94.2 100.0 97.4 103.7 104.3 103.9 102.3 106.5 102.1 107.9 108.6		95.0 97.9 98.8 100.0 96.4 101.5 103.0 102.0 97.8 99.6 99.2 106.6 106.4 107.2	1	01.1 01.9 95.9 00.0 03.2 04.1 05.2 01.8 01.1 97.7 91.7 88.0 91.2 95.8 03.2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100. 96. 100. 96. 100. 102. 96. 100. 100. 101. 101. 103. 103.	3 6 5 2 8 7	92.2 94.6 95.8 100.0 102.6 105.1 103.9 104.0 106.0 110.0 107.9 111.1 109.7 104.6		84.7 89.7 97.1 100.0 106.0 106.0 106.4 109.0 116.7 111.4 106.9 111.7 112.3 113.2		90.4 93.5 96.0 100.0 103.4 104.1 104.1 104.2 106.6 111.4 109.4 107.7 111.2 110.3 106.4	96.9 97.8 97.8 100.0 100.6 101.4 101.9 104.3 104.5 104.5 106.8 105.8
	Potato	es Beans,	peas.	Flou	r and	Sug	ars an	nd l	Coffee	. [All	foods	
Year	and sw potato	eet- nuts, s	оув	prod	real lucts ⁵	0	ther etener		tea,		Anin	nal	Proc	rop ducts?	Total
1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1975 1976 1978	10 10 10 10 11 11 11 11 10 11 10	6.9 16 6.2 16 0.3 0.2 16 0.1 16 0.1 16 0.2 16 0.1 16 0.2 16 0.1 16 0.2 16 0.3 16 0.4 16 0.5 16 0.7 16 0.8 16 0.9 16 0.	98.1 99.7 96.6 90.0 01.5 98.0 99.2 03.5 06.3 01.8 06.6 04.7 01.6		100.6 100.9 99.9 100.0 100.2 100.6 97.7 98.3 97.2 96.4 96.0 104.0 100.8 100.9		99. 99. 100. 103. 104. 106. 106. 109. 110. 106. 112. 115.	1 3 0 1 0 0 8 1 6 7 8 8	100 100 96 90 90 96 97 91 86	9.5 9.5	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18.8 17.1 16.0 10.0 11.5 10.9 12.0 13.3 16.6 11.4 19.1 13.5 13.0 12.2		97.3 98.2 99.6 100.0 101.6 102.5 102.9 102.7 103.8 106.2 103.3 104.2 106.3 106.9	98.1 97.8 98.8 100.0 101.6 102.4 103.2 103.5 101.7 102.3 101.5 104.6

antities of individual foods, measured in pounds equival exes using average retail prices in 1967-69. Includ agetables, potatoes, evertpotatoes, and dry beans and pe sugar and sirups are included with sugars and other sw of frozen fruit, canned fruit juices, canned vegetables one and herbs.

Table 767.—All foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1964-781

			-	_		1		7	, 1964	T	-	-		
		Meat, p	oultry,	fish					Dairy			Fate	and oils	
Year	Meat 2	Poultry		h3		tal	Eggs	,	Dairy products includin butter	Excl	uding	1	including but	ter
	Meat -	Poultry	Pa	n -	10	CA)			butter	bu	tter	Anima	Vegetable	Total
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	Pounds 155.8 148.4 151.6 158.5 161.5 164.8 170.4 166.7 154.9 165.7 158.4 168.6 167.8 162.6	Pounds 39.0 41.3 43.8 45.5 45.0 47.1 48.9 49.2 51.4 49.6 50.4 49.3 52.9 54.5 57.5		10.08 13.8 14.2 14.4 14.2 14.8 15.1 15.8 15.6 16.6 17.2 16.4 17.3 17.1 17.7	20 20 21 22 22 22 22 22 22 22 22 22 22 22 22	unds 08.6 03.9 09.8 18.2 22.1 23.7 29.5 35.2 34.7 21.7 32.5 24.1 38.8 39.4 37.8	Pound 40. 39. 39. 40. 40. 39. 39. 39. 39. 39. 34. 35.	4 8 7 7 1 3 5 9 1 3 6 4 8 6	Pounds 374 373 371 362 364 360 356 358 354 347 350 353 351	Po	43.9 44.5 47.2 47.0 48.7 49.8 50.9 50.2 52.6 52.8 51.8 51.8 55.0 53.1 54.4	Pound 18. 18. 18. 17. 17. 15. 15. 15. 10. 10. 10.	7 32.1 32.6 8 36.1 1 35.4 8 36.6 9 39.2 1 41.0 3 40.0 9 43.6 4 45.1 45.5 49.2 2 49.2 4 47.1	Pound 50.8 50.9 52.9 52.1 54.4 55.1 56.1 57.1 56.0 56.0 59.4 58.1
		Fr	uits								V	egetable		
Year						Mei	ons 5				P	rocessed	1	
	Fresi	Proc	essed	To	tal			F	resh 5	Cann	rd	Frozen	Total	Total ⁸
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	Pount 777 799 80 779 769 769 779 789 789 789 789 789 789 789 789 78	.5 .4 .0 .8 .9 .7 .9 .8 .3 .3 .5 .3 .3	10 ds 46.5 46.5 48.1 49.3 52.0 50.9 55.6 55.6 55.7 54.9 56.5 53.4 57.1 56.7 56.6 56.4	11 11 11 11 11 11 11 11 11 11 11 11 11	24.0 27.5 29.3 31.8 27.8 33.5 35.5 34.5 30.2 30.8 29.9 38.4 36.9 37.4	Por	unds 24.8 25.4 24.0 24.3 24.9 24.6 25.2 25.2 24.5 23.9 23.8 21.1 21.3 22.6 23.3 24.3	A	punds 141.0 140.8 138.4 140.8 143.6 143.6 141.0 141.0 143.0 144.1 144.2 144.1 144.2	443 45 50 51 51 51 52 53 53 54 55	ds i.8 i.9 i.3 i.0 i.5 i.6 i.1 i.2 i.2 i.3 i.3 i.4 i.6 i.9 i.6 i.9 i.6 i.9 i.0 i.0 i.0 i.0 i.0 i.0 i.0 i.0 i.0 i.0	Pounds 7.8 8.8 9.1 9.7 9.1 9.6 9.7 9.9 10.6 10.1 9.6 10.2 10.3 10.9	Pounds 53.4 55.0 56.1 58.1 60.2 60.7 60.7 60.9 62.1 64.9 63.4 62.0 63.8 64.2 62.5	Pounds 194.4 195.8 194.5 201.3 201.3 201.3 201.3 207.5 208.6 206.6 207.2 204.5
Year	and	sweet- 1	eans, p	ya	Flour	eal		her	1	ffee, ea,	Ar	imal	All foods	
1964 1965 1966 1967 1968 1969 1970 1970 1971 1972 1973 1974 1975 1976 1977	Po	unds 91.7 86.5 92.3 82.4 87.5 85.0 83.3 82.2 82.9 78.9 75.8 82.7 779.8 83.0 83.7	16 16 16 16 16 16 16 16 16 16 16 16 16 1	-	_	nds 144 144 143 144 145 141 142 140 140 138 139 142 140 141		unds 111. 112. 113. 115. 117. 119. 122. 124. 123. 128. 131.	Po P	unds 15.4 15.1 15.1 15.2 15.3 14.5 14.2 13.9 14.8 14.3 13.3 12.4 13.2 10.3 11.3		ducts sunds 635 629 632 638 634 636 641 641 620 619 616 633 631 630	Crop products 10 Pounds 774 774 782 781 790 796 797 798 802 788 802 788 802 817 814 815	Pounds 1,40 1,40 1,41 1,41 1,42 1,43 1,43 1,43 1,42 1,40 1,41 1,45 1,44 1,44 1,44 1,44 1,44 1,44

See footnotes on page 556.

Table 768.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1979.

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate- cost plan	Liberal plan
PANELINE	Dollars	Dollars	Dollars	Dollars
United States:				
Family of 2:3				
20-54 years	27.10	35.50	44.60	53.50
55 years and over	24.20	31.60	39.30	46.90
C'ildren, 1-2 and 3-5 years	38.10	49.60	61.80	74.10
Children, 6-8 and 9-11 years	45.80	59.70	74.90	89.8
POWDCALS*				
United States				
Child:				
7 months to 1 year	5.40	6.60	8.10	9.6
1-2 years	6.10 7.40	7.90	9.70	11.5
3-5 years	9.40	9.40 12.20	11.60	14.0
9-11 years	11.80	15.20	19.10	22.9
Male:				
12-14 years	12.60	16.20 18.00	20.30	24.3
20-54 years	13.50	17.80	22.50	27.1
55 years and over	12.00	15.70	19.60	23.5
Female:				
12-19 years	11.30	14.50	18.00	21.5
20-54 years	10.00	13.00	16.10	19.1
Pregnant	13.90	17.80	22.00	26.1
Nursing	14.70	18.90	23.60	28.0
FAMILIE			7	
Northeast:				
Family of 2:2 20-54 years				
20-54 years		37.20 32.90	47.70	57.8 50.4
55 years and over Family of 4:	*******	32.90	41.00	00.4
Children, 1-2 and 3-5 years		51.80	66.10	79.7
Children, 6-8 and 9-11 years		62.40	80.10	96.6
North Central: Family of 2:2		10000		
20-54 years		36.50	45.10	54.7
55 years and over		32.40	39.70	48.1
Family of 4:				
Children, 1-2 and 3-5 years Children, 6-8 and 9-11 years		51.20 61.70	62.90 76.30	76.1
South:		61.70	16.30	96.0
Family of 2:2 20-54 years				
20-54 years	*******	35.00	43.60	52.0
55 years and over	*******	30.90	38.20	45.1
Children, 1-2 and 3-5 years		48.70	60.40	78.0
Children, 6-8 and 9-11 years	******	58.80	73.20	87.4
West				
Family of 2.3 20-54 years		35.60	45.00	54.5
55 years and over	*******	31.80	39.50	47.5
Family of 4:	1		-	
Children, 1-2 and 3-5 years		49.70	62.30	
Children, 6-8 and 9-11 years	******	60.10	75.70	91.6

¹Estimated from quantities in the thrifty food plan shown in Agricultural Statistics, 1976, table 763 and in the other three food plans shown in Agricultural Statistics, 1975, table 764. The costs of the food plans were first estimated by using the average price per pound of each food group paid by urban survey families at four selected food cost levels in 1985-66. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statatics.

³The percent added for family size adjustment. (See footnote 3.)

³The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-person—add 10 percent; 3-person—add 5 percent; 5-or 6-person-subtract 5 percent; 7-or-more-person-subtract 10 percent.

Science and Education Administration.

Table 769.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1964-78

		s	chool feeding	ng		Specia	d milk		
Year ending June 301	a	ash paymen	ita	Food dis	tributed*			needy	ions and persons cributed) ³
June 30	Lunch ²	Break- fast ³	Nonfood assist- ance 4	Quantity	Cost	Quantity	Cash pay- ments	Quantity	Cost
	1,000 dollars 120,810 130,435 141,090 149,685 159,754 203,796 300,258 532,191 738,764 879,928 1,082,731 1,288,182 1,483,608 (192,642) 1,673,777 1,673,962 1,825,035	1,000 dellars 566 1,985 5,402 10,786 19,383 24,934 34,411 58,897 86,090 113,169 (16,963) 146,094 147,799	7100 dollars 711 741 10,396 16,705 36,404 16,646 15,284 27,191 25,430 26,078 (6,678 (6,666 26,602 25,963	1,000 pounds 785,061 972,656 788,037 883,380 1,028,555 1,041,996 1,073,206 1,108,657 1,185,687 980,862 980,862 (143,610) 1,101,384 1,101,384 1,101,384	7331,013 319,218 •423,451 •429,590 1353,435 13556,840	1,000 1/2 pints 2,925,030 2,996,766 3,069,125 3,027,203 3,036,687 2,991,931 2,599,975 2,496,218 2,533,810 1,425,923 2,152,775 2,305,143 (313,429) 2,247,418 2,247,418 1,985,545	1,000 dollars 99,250 97,417 96,823 99,170 101,782 101,281 101,164 91,082 90,286 49,158 123,726 144,080 (20,592) 183,845 183,345 141,903	1,000 pounds 1,322,308 1,312,816 1,000,074 848,572 871,328 1,200,286 1,300,381 1,465,652 1,963,038 11,109,563 708,103 201,275 101,101,029 101,038 101,038 101,038 101,038 101,038 101,038 101,038 101,038	1,000 dollars 234,61 256,70 116,90 116,90 116,90 345,75 345,75 345,75 328,90 229,92 75,96 10,53,51 11(12,11) 10 16,64,90 10 10 16,64,90 10 16,64

DEDMECOPPOORVA

¹ Data for fiscal years July 1 – June 30 for 1964 – 76; Oct. 1 – Sept 30 beginning 1977.

² A subsidy program for local purchase of food on basis of the quality and quantity of meals served. The program was started in February 1943.

³ A subsidy program to exhools started in January 1967.

⁴ A subsidy program which side in the purchase of school lunch equipment. The program started in fiscal year 1967.

⁵ Distribution, without charge to recipients, of food commodities acquired by the Government. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school lunch programs, elsemosynary institutions, and households receiving public assistance from State or Local agencies or other needy persons.

⁵ A subsidy program to expand consumption of milk by children.

⁷ Includes \$40,962,000 cash in lieu of commodities.

⁸ Includes \$40,962,000 cash in lieu of commodities.

⁹ Includes \$40,962,000 cash in lieu of commodities.

⁹ Includes \$22,533,000 cash in lieu of commodities to the Nutrition Program for the Elderly.

¹⁰ Preliminary.

¹¹ Preliminary.

¹² Preliminary.

¹³ Preliminary.

¹⁴ Preliminary.

¹⁵ Includes \$46,886 cash in lieu of commodities to the Nutrition Program for the Elderly.

¹⁶ Includes \$40,823 cash in lieu of commodities.

¹⁷ Includes \$42,530,000 cash in lieu of commodities.

¹⁸ Includes \$40,000 cash in lieu of commodities.

¹⁹ Includes \$40,000 cash in lieu of commodities.

¹⁹ Includes \$40,000 cash in lieu of commodities.

¹⁰ Includes \$40,000 cash in lieu of commodities.

¹⁰ Includes \$40,000 cash in lieu of commodities.

¹¹ Includes \$40,000 cash in lieu of commodities.

¹² Includes \$40,000 cash in lieu of commodities to the Nutrition Program for the Elderly.

¹⁸ Includes \$40,000 cash in lieu of commodities to the Nutrition Program for the Elderly.

Food and Nutrition Service.

¹Civilian consumption only. Quantity data used in computing the per capita food consumption index, table 765. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in their primary ingredients, such as flour, shortening, and eggs.
³ Includes game and edible offal.
³ Includes 4.3 pounds per capita of game fish in 1975 – 78 and smaller amounts in previous years.

Preliminary.

Preliminary.

Data for meions, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption of home

⁸ Data for melons, fresh vegetables, potatoes, sweespotatoes, and any beam and possible controlled.

⁹ Data have been revised to reflect conversion from fresh weight equivalent to processed weight for dehydrated potatoes, potato chips, and shoe strings.

⁷ Soys products approximated at 1.3 pounds in 1972, 2.1 pounds 1973—74, and 2.0 pounds for 1975—78.

⁸ Corn sugar and strups are with sugars and other sweeteners.

⁹ Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

¹⁹ Includes fruits and vegetables in soups and baby foods.

Economics, Statistics, and Cooperatives Service - Economics

Table 770.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, fiscal year 1978

Program and food	School Lunc	h Program	Institutions pers		Total	10
	Quantity	Cost ¹	Quantity	Cost ³	Quantity	Cost
	1,000	1,000 dollars	1,000	1,000 dollars	1,000	1,000
Dried and dehydrated vegetables	12.935	4.355	3,612	1.000	16.547	dollars 5.380
Beef products	126,890	120,890	10,266	1,000 8,893 25,735	137,156	129,78
Dairy products	164,182	152,231	48,185	25,735	212,367	177,966
Meat, chopped (canned)	54	70	40	35	94	100
Pate and oils	98,700	47,204	10,200	4,389 2,711 3,218	108,900	81,590
Canned and processed fruits and juices	160,850	56,931	20,159	2,711	181,009	59,643
Canned vegetables and juices	140,283	29,828 41,303	8,003 9,283	3,218	148,286	33,044
Poultry products Pork products	45,600	184		7,474	54,883	48,77
Corn products	40.843	9,999	8 904	977	46,757	10.97
Oats, rolled	2,900	290	5,894	10	2,926	30
Rice products	25,182	4.994	8,276	1.284	33,458	6.27
Wheat products	238,106	22,283	25,143	3,809	263,249	26,095
Miscellaneous	48,514	38,679	6,875	1,284 3,809 5,106	55,389	26,092 43,788
Total	1,105,134	529,241	156,076	64,641	1.261.210	593,885

Table 771.—Food Stamp Program: Participation and value of coupons issued, 1964-78

																						Nu	ımi	ber o		Ave	rage	L	Val	ue (of coupons is	med	
				1	•		*		D	# ·	n		J	111	24		×	3					tici are	patio	ng	mor	thly pation		Total		Paid for by articipants		Federal subsidy
964																							Vua	nber	13		nber 66.816	1	1,000 dollars 73,485	1	,000 dollars 44.841	1,0	000 dollars
965	1					٠.			•	•		۰.					٠,			9.1		1		11			24.652	1	85,472		52.967		28,644
986	Ġ																							31			64.344	1	174 232	1	109.419		64,813
967																			ì			1		83			47,097	1	296,106	1	190.556		105,550
966	,																							1.00	7		09.964	1	451,801		278,659		173,142
100	,		. ,		٠.																	1		1.48	19	2.8	78,113	1	603,351		374,532		228,819
970	,					. ,																		1,74	17	4,3	40,030	1	1,089,961		540,297		549,664
971									*													1		2,00			67,908	1	2,713,273		1,190,524		1,522,746
972	,				0	. ,			×		*													2,12			09,074	1	3,308,648	1	1,511,362		1,797,286
973	,																							2,21			65,682	1	3,883,952		1,752,547		2,131,400
974	,																					1		2,81			61,526	1	4,727,451		2,009,155		2,718,290
975 976	,																							3,01			64,196		7,265,642	1	2,880,141		4,385,50
)	1							-	-	-	~	- /	-		-	٠.	7		-	71.	-			3,00			48,715		8,700,209	1	3,373,704		5,326,506
77				•					-	7	-			-	-	-	٠.		-	7.7		1		3.02			57,140) 57,598	1	(2,087,116)	1	(819,067)		(1,268,049
778		_																						3.00			43.861	1	0.010,010	1	0,202,001		5,067,729

¹ Data for fiscal years July 1 – June 30 for 1963 – 76; Oct. 1 – Sept. 30 beginning 1977.
² Transition quarter July 1, 1976 to Sept. 30, 1976.

³ Preliminary.

Food and Nutrition Service.

Table 772.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Nonfood Assistance, and Food Stamp Programs and value of food distributed, by States and Territories, fiscal year 1978

			Child feeding	ng programa			Com-		
State or Ferritory	Child Care Food	Summer Feeding	Special Milk	National School Lunch ¹	Break- fast ¹	Nonfood Assist- ance 1	modity distribu- tion ²	Food Stamp Program ¹	Total
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	dollars 5,024	dollars 3,434	dollars 2,721	dollars	dollars 4,786	dollars 431	dollars 11,797	dollars 103.629	dollars 181,711
ka	261	18	115	49,889 1,297	100	77	1.010	6.013	8,891
	261 1,269	680	504	16,610	2.053	292	5.472	38,383	65,253
	1,569	168	1,113 12,396 1,358 2,920	23,309 199,716	2,422	245 2,291	8,273	63,904 356,484 44,840 40,353	101,003
	9,635	12,124 554 880 403	1.358	13,019	25,441	2,291	34,344 7,724 6,088 1,828	44.840	652,431
	1,838 949 682	880	2,920	13,019 16,167 3,725 8,669	904 298 346	232 495 77	6,088	40,353	70,469 68,150
*******	682	403	402	3,725	346	77	1,828	9.023	16.486
******	685 6,333	279	128	8,669	1,701	51	2,368	26,625 255,902	40,506 368,964
	4,781	4,409	1,952 3,372	68,880 64,230	8,613 7,528	781	22,114 18,326	137,587	239,468
mii	616	2,947 243 77	188	8 804	975	781 698 109	2,969 3,215	94.098	239,468 44,699 17,020 445,027
*****	137	77	143 8,940 3,529	3,262 113,740 19,817 10,695	85	97	3,215	10,004 284,641 56,226	17,020
	5,199	4,039 1,757	8,940	113,740	6,328	1,100	21,040	284,641	445,027 99,355
	5,199 2,383 1,023	113	1.986	10,695	6,328 1,638 658	553 367	21,040 13,452 10,541	28,839	54,222
	1.038	156	1.553	10.284	489	279		14,784	28,583
	1,694	717	3,329	33,808	6,114	455 568	12,104	125,908	184,129
	2,430 459	2,326 231	752 1,131	55,387	6,565	241	17,308 3,889	130,851	216,187 48,277
	1,494 3,153	1.416	2.000	8,604 23,822	642 2,133	393	11.033	33,100 88,075	128,185
	3,153	1,416 2,188	5.110	34,803	4.639	838 1,541	11,033 17,313	155,410	128,185 223,454
	4.003	741	8,656	41,922	2,342	1,541	22,159	125,155	206,519
	1,154 6,834	452 3,838	3,447	16,567 43,532	886 2,456	128 411	11,766	39,236 104,851	73,636 171,218
	2,541	841	1,434 2,783	28,787	2,513	463	7,862 13,740	64.213	115,881
	412	53	363	3,938	375	463 90 177	E 079	8,497 10,452 6,242 11,928	19 700
	563 275	149	882	5,778	265	177	4,429 2,517 1,632 12,672	10,452	22,696 12,798 19,822
	275	156 144	1,089	2,887 4,258	610 223	40 104	2,517	11 929	12,798
	444	8,337	5,769	45,383	3.241	1,741	12,672	154,889	236,721
	1.396	358	364	15,513	1,185	133	8,583	37,512	65,044
	17,707	22,346	15,043	188,284	14,619	2,845	41,819	411,817	714,480
	4,103 219	3,739 121	5,249 399	70,002	9,593 149	728 71	20,595	126,228 4,557	240,237 11,836
	3,699	1,747		2,870 55,663 20,304	7.620	954	25,663	244,639	349,060
	1 094	739	1,142	20,304	7,620 2,052	954 275	7,778	244,639 36,140	70,414
	1,356	226 8,694	1,142 1,207	10,101	615	267 1,310	3,450 25,663 7,778 6,741	44,162	64,675
	7,328 680	8,694	4,597 884	6,114	4,009 452	1,310	26,059 1,873	228,220 26,797	338,724 37,386
	2,805	3,021	799	42,401	4,763	367	12,094	85,129	151,379
	380	168	403	4.507	460	86	4,321	7,174	17,506
	3,297 7,775	1,251 4,356	3,743	41,448 154,489	3,611	1,234	14,527	141.797	210,120 478,956
	272	131	5,925 263	5,499	14,669	1,234	36,100 5,237	254,408 8,587	20,555
	253	44	624	5,499 3,162	74	66	1,345	10,296	15,863
	1,878	1,106	2,781	40.042	2,801	160	18,913	66,552	134,233
******	2,646 577	533 351	1,892	15,962	1,609 2,506	313	7,768 5,752	56,987	87,710
******	1,525	454	778 5,355	17,150 16,356	621	241 445	10,579	83,018 35,300	110,373 70,635
	244	12	89	1,111	56	48	1,556	2,442	5,588
	133,691	103,760	141,637	1,749,911	169,243	25,529	575,690	4,478,900	7,378,361
m		-1		1,194	369	13	1.096	8,530	11.200
		2,854	261	65,688	6,941	380	9,720	663,960	749,824
a,				1 100	97.4		-		0.000
an			*****	1,196	314	9	767	*****	2,286
ries	207	14		4,677	797		2,172		7,867
	99	28	5	4,677 2,369	53	22	343	13,799	16,718
	******	*****			******	*****	4,094		4,094
d	133,997	106,656	141,903	1,825,035	177,717	25,953	4593,882	5,165,209	8,170,350

Food and Nutrition Service.

¹ Preliminary.

² Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges.

³ Includes Okinawa, Japan, and Europe.

⁴ Excludes \$117,550,000 cash in lieu of commodities.

Table 773.—Food and Nutrition Service programs: Persons participating, fiscal years 1964-781

		Children in ac	hool lunch progra mefits through—	am receiving	Persons participating in commodity
	Year ending June 30 ²	Cash pay	ments ³	Food distri-	distribution programs for institutions and
j	test Celleres	Average monthly	Peak month	(peak month)	needy persons (peak month)
		Thousands	Thousands	Thousands	Thousands
164		13,207	17,548	18,921	8,707
65	*************************		18,666	20,390	8,63
66		14,981	19,781	21,394	7,69
67		15,296	20,237	21,882	6,42
68	***********	15,572	20,614	21,104	6,82
69	***********************	16,667	22,079	24,056	6,42
70	**********************	17,539	23,127	25,479	7,54
71	***********************	19,062	24,640	24,906	7,24
72	***********************	19,380	24,541	25,142	6,64
73	*********************	19,534	25,075	25,151	6,07
74	***********	24,493	24,988	25,143	5,36
76	********************	25,004	25,257	25,422	2,69
76	**********	25,594	26,055	(25,166)	2,22
(*)	*****************************	(25,104)	27,020	(25,166) 27,072	1.77
78		20,284	27,080	27,072	1,77
	**********************	26,509	21,080	27,100	1,67

ik month" is the month of the year when the largest number of persons participated in the program; "Average "is the average for the 9 months of the achool year contained in that fiscal year. for fiscal years July 1 – June 30 for 1964–76; Oct. 1 – Sept. 30 beginning 1977. footnote 2, table 769.

Southern Sept. 30, 1976.

sition quarter July 1, 1976 to Sept. 30, 1976.

Food and Nutrition Service.

Table 774.—Consumers' prices: Index number of prices paid for goods and services,
United States, 1964-781 [1967-100]

	3	0.00	(S.775)		N	onfood item	14			
	Year	Food	Apparel	Hou	ing	Trans	Medical	Personal	Other goods	All
			and up- keep	Total	Rent	porta- tion	care	care	and services	
1964		92.4	92.7	93.8 94.9 97.2	95.9 96.9 98.2	94.3 95.9	87.3 89.5	94.5		92.5 94.1
1965 1966	******	94.4	93.7 96.1	94.9	96.9	96.9 97.2	93.4	95.2 97.1	*****	94.1
1967		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
1968		103.6	105.4	104.0	102.4	103.2	106.1	104.2	105.2	104.
1969		108.9	111.5	110.4	105.7	107.2	113.4	109.3	110.4	109.
1970		114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	116.
1971	******	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	121.
1972	******	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	125.
1973		141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	133.
1974	******	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	147.
1975 1976	******	175.4 180.8	142.3 147.6	164.5 174.6	137.3 144.7	150.6 165.5	168.6 184.7	150.7 160.5	153.9 162.7	161.
1977	******	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	181.
1978	******	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	195.

¹Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economics, Statistics, and Cooperatives Service - Economics. Compiled from data of the U.S. Department of Labor.

CHAPTER XIV

MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; commodity futures statistics; and statistics on crops in Alaska.

Foreign Agricultural Trade Statistics

U.S foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as raw hides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 states and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural export statistics include shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat corn, and sowbeans are transshipped through agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belguim, exports to those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in

nonagricultural and overall import totals.

Table 775. - Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1964-78

		Agricu	iltural ex	ports ²		Agric	ultural in	nports (fo	r consum	ption)	
		-			Total				Suppler	nentary	of do- meetic
Year ending June 301	Total do- mestic exports	Do- mestic	Per- cent- age (do- meetic) of total exports	Foreign (re-ex- ports)	imports for con- sump- tion	Total	Sup- plemen- tary ³	Com- plemen- tary ³	Per- cent- age of total agricul- tural exports	Percent- age of total agricul- tural imports	agricul- tural exports over supple- mentary imports
1964	Million dollars 24,718 26,331 28,886 30,819 32,196 35,221 41,069 43,663 44,848 57,815 64,924 109,389 (27,313) 118,285 131,196	Million dollars 6,068 6,097 6,876 6,771 6,311 5,741 7,758 8,047 12,902 21,293 21,578 (5,356) 23,974 27,306	Percent 25 23 23 23 22 20 16 18 18 22 25 21 20 (20) 20 21 1	Million dollars 84	Million dollars 17,776 19,731 23,295 26,427 29,613 34,175 42,724 50,056 61,389 82,503 101,080 (31,686) 142,648 164,802	Million dollars 4,096 4,454 4,453 4,656 6,048 7,324 9,549 10,107 (2,804) 13,357 13,886	Million dollars 2,225 2,127 2,472 2,667 2,845 3,077 6,272 6,821 6,289 (1,597) 6,548 7,315	Million dollars 1,871 1,859 1,982 1,786 1,811 1,859 2,141 2,144 2,092 2,617 3,277 2,758 (1,207) 6,809 6,571	Percent 37 35 37 39 45 54 51 47 49 32 32 29 32 27 27 27	Percent 54 53 56 60 61 62 63 65 64 66 71 62 (43) 49 53	Million dollars 3,843 3,970 4,204 4,104 3,466 2,659 3,270 4,074 4,090 8,195 15,021 14,75 (3,759 17,426 19,991 19,991

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 776.—Agricultural exports: Quantity indexes, United States, fiscal years 1964-77 [Calendar year 1967=100]

Year ending June 30 ¹	Total agricul- tural ex- ports ²	Animals and animal prod- ucts	Meet and meet prod- ucts ³	Animal fats 3	Dairy prod- ucts ³	Poultry and poultry prod- ucts ³	Cotton and linters	Tobacco unman- ufac- tured	Grains and feeds	Vege- table oils and oilseeds	Pruits and vego- tables
964	100	140	122	127	290	129	128 113 78	93 84 83	94 92	82	90
965	98	130 108	118	117	240	114	113	84	117	99	10
966	107	101	101	90 96	154 99 95 125	120 106	115	110	103	102 95	10
967	101	96	91	98	96	98	101	100	104	99	9
969	92	110	129	98 97	125	98 92	69 78 97	100	85	106	100 100 91 92 100
970	106	101	113	90	90	83 71 95 98	78	101	97	148 201 206 184	10
971	118	101 125 149 125 130 136	111	122	90	71	97	104	91	201	11 12 13 14 16
972	120	149	130	111	172	96	88 126 152 103	100	88	206	11
973	154	125	181	106	58 39 56	98	126	103	167	184	12
974	165	130	179	110	39	110	152	121	179	189	13
975	147	136	189	112	56	104	103	112 106	156 184	189 158 195	14
1976	167	144	(266)	(104)	44	(201)	(92)	(75)	(198)	(131)	(16
9771	(160)	(163) 170	303	127	(56)	201	115	114	182	197	18

¹Piscal years July 1-June 30 for 1964-78; Oct. 1-Sept. 30 for 1977 and 1978.

¹Includes food exported for relief or charity by individuals and private agencies. These figures include a small amount of certain foodstuffs other than agricultural.

¹Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchanguable to any significant estent with such U.S. complementary agricultural imports include all others, about 30 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

¹Transition quarter July 1, 1976 to Sept. 30, 1976.

⁵Preliminary.

¹ Placal years July 1-June 30 for 1964-76; Oct. 1-Sept. 30 for 1977.

² Based on 359 classifications (commodity groups and total index include commodities shipped as food for relief or arrity by individuals and private agencies).

³ Included in "Animals and animal products."

⁴ Transition quarter July 1, 1976 to Sept. 30, 1976.

⁵ Preliminary.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 777.—Agriculture imports: Quantity indexes, United States, fiscal years 1964-77 [Calendar year 1967=100]

Year ending June 301	Total agricul- tural im- ports ²	Com- plemen- tary im- ports ³	Sup- plemen- tary im- ports ³	Ani- mals and animal prod- ucts	Dairy prod- ucts 4	Hidee and akine*	Meat and meat prod- ucts 4	Wood exclud- ing free in bond *	Grains and feeds	Vege- table cils and cilsects	Sugar, mo- lames, and airups	Tobac co un- manu- fac- tured
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976 1977	96 90 103 100 105 107 111 123 128 136 137 116 136 (135) 140	106 95 111 98 104 103 104 106 113 117 115 95 117 (108) 107	88 -85 -95 100 105 110 116 134 139 149 153 131 149 (154) 163	91 81 106 102 108 115 121 128 128 139 146 108 131 (130) 133	62 69 113 94 122 116 129 121 156 301 128 144 (152) 172	152 144 141 108 121 102 82 232 176 178 155 145 204 (182) 180	93 71 90 97 107 115 128 129 134 145 141 117 134 (136) 125	86 124 166 104 115 100 81 81 50 32 31 13 12 35 (35)	216 124 96 108 92 96 131 194 222 260 242 243 246 (244) 255	81 93 92 101 97 106 104 121 127 138 119 134 198 (196)	78 82 83 1001 102 103 107 117 122 113 121 102 98 (122)	83 91 98 95 111 103 103 118 132 149 171 164 (167)

¹ Fiscal years July 1 – June 30 for 1964 – 76; Oct. 1 – Sept. 30 for 1977.

² Based on 430 classifications.

³ Supplementary agricultural imports consist of all imports similar to agricultural commercially in the United States, together with all other agricultural imports interches tent with such U.S. commodities. Complementary agricultural imports include all other consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, and vegetable ⁴ Included in "Animals and animal producta."

⁵ Transition quarter July 1, 1976 to Sept. 30, 1976.

⁶ Preliminary.

MVWRCGWCSBOBBSWTSCTSPO

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of

Table 778.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1977

	P	ublic Law 4	80		Total	agricultural e	exports
	Title I sales	Title II	donations	Foreign			
Commodity	Long- term credit sales ¹	Govern- ment-to- govern- ment and World Food Program	Voluntary agencies	Act of 1961, as amended (AID)	Under specified Govern- ment pro- grams	Outside specified Govern- ment pro- grams ²	All
Milk, nonfat dry Wheat Wheat Corn Grain sorghum Wheat flour Cornmeal Sorghum grits Bulgur wheat Outs, rolled Blended food products Whey soyn beverage powder Tobacco, unmanufactured Soybeans Cotton, excluding linters Tallow, inselble Soybean oil Other	Million dollars 313.6 168.4 43.3 1.5 73.4 1 8.3 7 55.6 18.0 76.1 8.8	Million dollars 27.3 13.1 2.5 2.4 2.7 13.0 2.6 8.8 6.7 .3 6.2 .1 4.4 2.0	Million dollars 54.2 36.1 4.9 2.2 2.1 30.1 33.3 3.17 6.8 55.7 1.2 19.5 12.1	Million dollars 56.7 1.1 158.9 18.8 91.5 42.3 12.0 39.0	Million dollars 81.5 419.5 419.5 175.9 204.8 4.3 106.5 6.0 11.9 47.7 7.1 62.6 1.3 74.4 91.5 18.0 42.3 112.0 53.9	Million dollars 0.2 2,406.9 512.8 4,296.7 71.2 9.0 4.0 1.1 4.0 1.0 4.2 16.1 1,510.8 450.1 301.1 7,085.0	Million dollars dollars dollars dollars dollars dollars dollars dollar d
Total	759.8	92.1	250.0	419.3	1,521.2	22,492.2	24,013.4

See footnotes on page 565.

Table 779.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1978.

mer ago melas	P	ublic Law 48	80	1	Total a	agricultural e	xporta
	Title I sales	Title II	ionations	Foreign	= 11		
Commodity	Long- term credit sales	Govern- ment-to- govern- ment and World Food Program	Voluntary agencies	Assistance Act of 1961, as amended (AID)	Under specified Govern- ment pro- grams	Outside specified Govern- ment pro- grams ³	All
Milk, nonfat dry Variety meats Wheat Rice Corn Grain sorghum Wheat flour Cornmeal Sorghum grits Bulgur wheat Oata, rolled Beans and peas, dried Soya flour, defatted Whey soya beverage powder Tobacco Soybeans Cutton, excluding linters Tallow, inedible Soybean oil Peanut oil Other	Million dollars 324.5 147.1 39.1 103.8 2.9 1.1 10.0 103.7	Million dollars 18.1 14.9 16.3 5.2 12.0 7.1 6.2 3.2 10.2 6.5	Million dollars 15.4	Million dollars 1.3 41.5 151.0 1.1 30.0 87.6 57.9 3.6 100.3	Million dollars 34.0.3 40.5 168.4 198.2 12.1 132.7 10.5 7.0 66.9 8.5 52.8 2 3.1 9 30.0 87.6 12.1 14.1.3 14.1.3	Million dollars 43.6 187.9 3.471.0 665.0 4.874.2 507.9 62.7 9.3 n.a 8.6 113.8 4.661.4 1.697.0 428.2 399.5 23.9 7.497.8	Million dollars 189.1 189.2 3,876.5 820.0 196.4 198.8 7.0 655 6.3 61.4 114.0 12.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1
Total	732.2	112.0	222.9	474.3	1,541.6	25.764.6	27,306.5

¹Preliminary. ²Includes long-term dollar credit and convertible foreign currency sales. ³Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extensions of credit and credit guarantees for relatively short periods, through Commodity Credit Corporation and loans and guarantees from the Export-Import Bank, and, for tobacco, sales at less than domestic market prices.

n.a.—not available.

Economics, Statistics, and Cooperatives Service - Economics.

Table 780.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, fiscal years 1973-781

Type of export	1973	1974	1975	1976	1977	19782
Public Law 480: Credit sales for foreign currency Long-term dollar and convertible foreign	Million dollars 6	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
currency credit sales Government-to-government and World Food	661	875	762	650	760	732
Government-to-government and World Food Program donations Donations through voluntary agencies Foreign Assistance Act of 1981, as amended	159 128	147 145	148 191	68 192	92 250	112 223
(AID)	84	76	123	216	419	475
Total agricultural exports under specified Government programs	1,039	943	1,224	1,123	1,521	1,542
Commercial exports (sales for dollars): Without assistance With assistance	Billion dollars 9.4 2.5	Billion dollars 19.6 .8	Billion dollars 20.0	Billion dollars 20.3	Billion dollars 21.6 .9	Billion dollars 24.2 1.6
Total commercial exports	11.9	20.4	20.3	21.0	22.5	25.8
Total exports	12.9	21.3	21.6	22.1	34.0	27.3

Table 781.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for transition quarter and fiscal years 1977 and 19781

	Feed grains	Rice	Cotton	Tobacco	Vege- table oils	Dairy products	Other	Total
		Transition	n quarter (July 1, 19	76 to Sept.	30, 1976)		
1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
tan	****				2,568			2,56
sh		14,605						14,6
	****		******	****	*****	*****		2
64,197								64,1
3,472		1.407			*****	*****		3,4
	*****	1,407	*****	****	1,477	****	****	2,3
2.071					1,000			5,00
26,187		20,171				*****		46.30
8,506		39,292		*****	*****	*****	****	47,75
3,047		39,292						3.0
37,762		19,140	17,775					74.67
11.562		19,140	11,110			*****		
3,773	*****	*****			8,977	*****	****	11,56
3,113		7.583	4,977		0,911			12,7
19.653		1,000	4,011				*****	19.6
15,003	*****	10.362		4.763	2,670			17.79
	4,330			4,703	2,670			
2,800	4,330	*****	*****	****	****	****	*****	4,3
	*****	2.867	4.868	****		*****	*****	2,80 7.73
		2,001	4,000		1,600			
				****	-	*****	****	1,6
187,266	4,330	115,427	27,620	4,763	17,799			357,2
		1	1977 (year	ending Se	pt. 30, 197	7)		
1,000	1,000	1,000	1.000	1.000	1.000	1.000		
dollare							1,000	1,000
dollars 27 899	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
27,899		dollars 15,759		dollars	dollars 5,830		dollars	dollars 49,4
27,899	18,651	15,759	dollars	dollars 20,293	dollars	dollars	dollars 2830	dollars 49,41 200,9
27,899 161,185			dollars	dollars	dollars 5,830	dollars	dollars	dollars 49,41 200,90 3,0
27,899 161,185 4,130 15,795	18,651	3,041 2,500	dollars	dollars 20,293	dollars 5,830	dollars	dollars 2830	dollars 49,41 200,90 3,0 11,0
27,899 161,185 4,130 15,795 30,951	18,651	3,041 2,500	dollars	dollars 20,293	dollars 5,830	dollars	dollars 2830	dollars 49,41 200,90 3,0
27,899 161,185 4,130 15,795 30,951	18,651	15,759 3,041	dollars	dollars 20,293	dollars 5,830	dollars	dollars 2830	dollars 49,4 200,9 3,0 11,0 41,7
27,899 161,185 4,130 15,795 30,951 11,192	18,651	3,041 2,500 94,460	dollars	dollars 20,293	dollars 5,830	dollars	dollars 2830	dollars 49,4 200,9 3,0 11,0 41,7 125,4 11,1
27,899 161,185 4,130 15,795 30,951 11,192	18,651	3,041 2,500 94,460	dollars	dollars 20,293	3,379 25,994	dollars	dollars 2830	dollars 49,4 200,9 3,0 11,0 41,7 125,4
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881	18,651	3,041 2,500 94,460	dollars	dollars 20,293	3,379 25,994	dollars	dollars 2830	dollars 49,41 200,90 3,0 11,0 41,7 125,4 11,1 3,0
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853	18,651	3,041 2,500 94,460	dollars	dollars 20,293	3,379 25,994	dollars	abollars 2830 32,185	dollars 49,4 200,9 3,0 11,0 41,7 125,4 11,1 3,0 9,4
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593	18,651 1,058 216	3,041 2,500 94,460	10,419	dollars 20,293	3,379 25,994 682	dollars	*830 *2,185	dollars 49,4 200,9 3,0 11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3 9,5
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435	18,651 1,058 216	3,041 2,500 94,460	10,419	dollars 20,293	3,379 25,994	dollars	2830 2830 22,185	dollars 49,4 200,9 3,0 11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435	18,651	3,041 2,500 94,460 11,796 1,458	10,419	20,293	3,379 25,994 682	dollars	*830 *2,185	dollars 49,4 200,9 3,0 11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3 9,5
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435	18,651 1,058 216	3,041 2,500 94,460	10,419	20,293 20,293 13,171 3,893	3,379 25,994 682	dollars	2830 2830 32,185	dollars 49,41 200,9 3,0 11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3 9,5 51,3
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,993 14,435 9,994 14,994 14,995	18,651	15,759 3,041 2,500 94,460 11,796 1,458	10,419	20,293	3,379 25,994 682	dollars	**************************************	dollars 49,4 200,9 3,0 0,11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3 9,5 51,3 13,1 61,4
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 4,953 14,435	18,651 1,058 216	3,041 2,500 94,460 11,796 1,458	10,419	20,293 20,293 13,171 3,893	dollars 5,830 3,379 25,994 682 36,924	dollars	**************************************	dollars 49,4 200,9 3,0 11,0 41,7 125,4 11,1 3,0 9,5 6,3 9,5 51,3 13,1 61,4
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 4995 31,371	18,651 1,058 216	15,759 3,041 2,500 94,460 11,796 1,458	10,419	20,293 20,293 13,171 3,893	dollars 5,830 3,379 25,994 682 36,924	dollars	**************************************	dollars 49,4 200,9 31,0 11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3 9,5 51,3 13,1 61,4 1,2 3,6,2
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 495 31,371 4,764	18,651 1,058 216	15,759 3,041 2,500 94,460 11,796 1,458	10,419	20,293 20,293 13,171 3,893	dollars 5,830 3,379 25,994 682 36,924	dollars	**************************************	dollars 49,4 200,9 3,0 0,11,0 41,7 125,4 11,1 3,0 9,4 72,0 6,3 9,5 51,3 13,1 61,4
27,999 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 495 31,371 4,764	18,651 1,058 216	15,759 3,041 2,500 94,460 11,796 1,458 18,194 4,924	10,419	dollars 20,293 13,171 3,893 799	dollars 5,830 3,379 25,994 682	dollars	dollars *830	dollarn 49,4 200,9 3,0 11,0 41,7 123,1 3,0 9,4 72,0 6,3 9,5 51,3 13,1; 61,4 1,2 36,4 4,7
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 49,5 31,371 4,764	18,651 1,058 216 21,877	15,759 3,041 2,500 94,460 11,796 1,458 18,194 4,924 10,994 4,405	10,419	dollars 20,293 13,171 3,893 799	dollars 5,830 3,379 25,994 682 36,924	dollars	dollars 2830 32,185	dollars 49,44 200,9 3,0 11,0 41,7 125,4 11,1; 3,0 9,4 72,0 6,3 9,5 51,3 13,1; 61,4 1,2 36,2 4,7 15,9
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 495 31,371 4,764 8,652	18,651 1,058 216 21,877	15,759 3,041 2,500 94,460 11,796 1,458 18,194 4,924 10,994	10,419	dollars 20,293 13,171 3,893 799	dollars 5,830 3,379 25,994 682 36,924	dollars	a 2,185	dollars 49,4 200,9 3,0 11,0 41,7: 125,4 11,1: 3,0 9,4 72,0 6,3 9,5 51,3 13,1: 61,4 1,2: 36,2 4,7,7 15,9 7,5 8,6
27,899 161,185 4,130 15,795 30,951 11,192 9,489 49,881 4,853 9,593 14,435 9,949 495 31,371 4,764	18,651 1,058 216 21,877	15,759 3,041 2,500 94,460 11,796 1,458 18,194 4,924 10,994 4,405	10,419	dollars 20,293 13,171 3,893 799	dollars 5,830 3,379 25,994 682 36,924	dollars	a 2,185	dollars 49,44 200,90 3,00 11,00 41,77 125,4 11,11 3,00 6,3 9,5 51,3,3 13,1 61,4 1,2 2,6 4,7 15,5

See footnotes at end of table.

Table 781.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for transition quarter and fiscal years 1977 and 1978.—Continued

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vege- table oils	Dairy products	Other	Total
		illa.	1	978 (year	ending Se	pt. 30, 1978	3)		
	1,000 dollars	1,000 dollare	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000
hanistan		*****							5,371
gladesh			4.653	9,969		21,275	*****	****	84,996
A	8,863	*****			*****		*****	****	8,863
an Republic	0,000	1,500	*****		*****		*****	****	1.500
	177,797					00000		****	177,797
	1,700	*****	1.867	*****	*****	1.899	*****	****	5,466
		*****	1,001	*****	400			****	
*******	413	*****	*****	*****	439	1,144	*****	****	1,996
*******	. 2,509	*****	697	*****	*****	3,290	*****	****	6,486
			******			27,793			27,793
	. 26,722		124,204				*****		150,926
	. 7,200	*****							7,200
******	3,793	8,459	*****	*****	*****	599	*****		12,851
	6,336						*****	****	6,336
of		25,328					*****	****	63,306
	. 5,885	*****		*****	*****			****	5,885
	. 12,168								12,168
	. 24,185					35,067			59,252
	. 3.382					7,718		****	11.100
	4,577	2.194						****	6,771
	. 1,156		1,700			2,099			4,955
	. 34,307								34,307
	10,278								10,278
	1.297		6,354						7.651
			6,499						6,499
	8.361	2.371	.,,		1		1		10,732
		553	3,772		681	*****	*****	****	5,006
				*****		3,288	*****	****	3,288
		*****	*****		*****	0,200		****	0,200
	433,377	40,405	149,746	9,969	1,120	104,162			738,779

¹Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the Act was signed in 1966 (P.L. 89-508).

³ Beans.

⁸ Blended foods.

Office of the General Sales Manager.

POOTNOTES FOR TABLE 778

¹Includes long-term dollar and convertible foreign currency sales.

²Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transaction, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods, and, for tobacco, sales at less than domestic market prices.

Economics, Statistics, and Cooperatives Service - Economics.

POSTINOTES FOR TABLE 780

¹Fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 for 1977 and 1978.

²Preliminary.

³Less than \$500,000.

⁴Includes payments in cash or in kind and sales from CCC stocks at less than domestic market prices; loans and guarantees from Export-Import Bank; credits extended by Commodity Credit Corporation; and barter shipments for overseas procurement for U.S. agencies through 1978.

Economics, Statistics, and Cooperatives Service - Economics.

Table 782.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1974-781

Product	1974	1975	1976	1977	19781
All commodities Nonagricultural commodities Agricultural commodities Animals and animal products Animals, live, excluding poultry	1,000 dollars 84,923,594 63,630,944	1,000 dollars 102,858,369 81,280,054	1,000 dollars 109,388,848 87,241,920	1,000 dollars 118,285,192 94,311,298 23,973,894	1,000 dollars 131,196,239 103,880,036
Animals and animal products	21,292,650 1,759,134	21,578,315 1,703,777	22,146,928	2.643.989	27,306,203 2,818,836
Animals, live, excluding poultry	207,383 154,765 52,618	130,106 94,858	2,018,651 119,064 85,617	101,400 62,535	137,507 87,421 50,086
0.1	52,618	35,248		39 965	50.086
Dairy products	65,344	134,476	110,009	169,689	155,271
Dairy products Butter and anhydrous milk fat Cheese and curd Milk, condensed, or evaporated Milk, nonfat dry	65,344 785 7,575	765 9,075	10,958	13,508	14,64
Milk, condensed, or evaporated	9,272 2,207	11,346 58,773	15,351 35,028	9,740 81,732	10,656 77,641
Other	45,505 505,705	54,517 486,834	56,870	63,810 580,408	51,63 563,48
Other Fats, oils, and greases Lard and other rendered pig fat Tallow, inedible	32.560	486,834 30,829	56,870 358,481 26,066	43.487	563,48 32,73
Tallow, inedible	432,771	392,232	305,510	492,418	32,73 486,07
Meats and ment preparations	40,374 316,558	63,773 341,742 52,047	26,908 572,729	44,503 609,061	687.60
Tailow, medible Other Meats and meat preparations Beef and veal, except offals Pork, except offals Offals, edible, variety meat Other	94,950 44,869	52,047 115,271	572,729 98,648	113.442	687,600 177,27
Offals, edible, variety meat	123,036 53,703	110,271	262,962 131,110	225,747 164,718	210,79 188,95
	53,703 142,792	110,057 64,367 135,013	80,009 207,129	105,174 300,017	110,57 331,76
Poultry, live:		1 100000000			
Poultry and poultry products Poultry, live: Breeding chicks Baby chicks, excluding breeding Other Poultry mest, fresh, fresen: Chickens Turkeys Other	15,373	15,009	16,114	19,048	24,09
Other	3,750 4,340	3,742 4,376	5,008 8,797	4,751 6,808	4,82 5,32
Poultry meat, fresh, frozen:	46.819	45,042	81,509	144,016	154,84
Turkeys	46,819 29,578 5,779	20.716		29,878 9,812	31,84 10.92
Other	5,779 26,516	6,800 29,076	7,960 33,293	9,812 87,225	10,92 75.02
Other	10,637	10,252	12,238	28,479	24,88
Eggs Other Hides and skins, including fur skins Cattle hides, whole	460,481 292,456	411,389 254,684	12,238 560,749 344,389	797,661 531,121	823,62 548,84
Purmiting	122 235	110,015	165.956	207.463	209,78
Other animal products	45,790 60,871	46,690 64,217	50,404 81,629	59,077 85,734	64,99 119,58
Other animal products Hair, animal, excluding wool or fine	811		767		
hair Sausage casings	18,191	974 19,006	22,630	848 26,370	3,31° 23,51°
Sausage casings Wool, unmanufactured, including fine hair	18,302	18,660	25,740	22.591	30,58
Other	23,567	25,577	32,492	35,925	62.16
Other Vegetable products Cotton, unmanufactured Cotton, raw	19,533,516	19,874,538	20,128,277	21,329,906 1,538,172	24,487,36 1,706,93
Cotton, raw	1,311,083 1,293,619	1,027,921 1,016,877	881,937 873,004	1.528.814	1,693,72
Linters Fruits and preparations Canned	17,464 588,962	11,044 648,356	8,933 729,787	9,358 803,942	13,21 976,47
Canned	588,962 79,753	75,304 88,704	77,406 116,833 411,906	803,942 93,899	114.42
DriedFreeh	105,227 302,788	381.725	411,906	110,423 438,342	151,06 530,69
	89,220 11,974	87,392	109.068	142,091	155.52
Other Nuts and preparations Grains and preparations Feed grains and products Feed grains Feed grains Feed grains	158,169 10,332,227	15,131 156,550 10,942,215	14,576 176,508	19,187 223,237	24,77 287,70 10,905,34
Grains and preparations	10,332,227 4,686,025	10,942,215	11 296 628	9,290,444	10,905,34
Feed grains	4.642,862	4,812,898 4,762,479 140,642	5,641,293 5,597,715	5,390,886 5,345,299	5,746,04 5,695,24
Barley	210,317 3,719,092	140,642 3,988,460	63,041 4,835,327	204,776 4,500,494	84,12 5,069,37
Grain sorghum	631,127 82,326	616,308	678,133	630,293	520,04
Outs	82,326	17,069 50,419	21,214	9,737 45,587	21,70 50,79
Rice	43,163 752,282	1.002,185	43,578 540,751	704.125	872.56
Other Rice Wheat and products Wheat flour Other wheat products Blended food products Other	4,787,641 4,555,252	5,000,865 4,797,015	4,976,293	3,054,330 2,825,390	4,138,66 3,876,49
Wheat flour	199 000	147,667 56,183	131,031	177,744 51,196	195,38
Other wheat products	43,403 51,029	56,183 50,023	131,031 41,831 51,575 86,716	51,196	66.79
Other	51,029 105,250	76,244	86,716	60,899 80,204	61,42 86,64
Other Feeds and fodders, excluding oilcake and meal	279,648	288.272	345,188	620,460	574.83
Corn pyproducts	91,962	85.541	127,862	221,920	237,08
Alfalfa meal and cubes	31,629 156,057	30,803 171,928	22,343 194,983	61,121 337,419	45,17 292,57

Table 782.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1974-781—Continued

Product	1974	1975	1976	1977	19783
Vegetable products — Continued Vegetables and preparations — Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oilseeds and products	5,224,503 1,134,948 1,065,206	4,852,320 731,994 692,807	4,642,270 774,034 739,698	6,388,254 949,688 917,865	7,450,717 1,176,025 1,121,107
Other Oilseeds Soybeans Other	69,743 3,525,113 3,253,579 271,534	39,187 3,211,748 2,951,232 260,516	34,336 3,340,912 3,078,140 262,772	31,823 4,642,656 4,306,554 336,102	54,918 5,264,174 4,749,049 515,125
Vegetable oils and waxes Soybean oil Other Tobacco, unmanufactured	564,442 427,180 137,262 814,029	908,578 702,563 206,015 910,088	527,324 325,926 201,398 917,260	766,521 592,290 174,231 1,065,316	987,687 746,386 221,301
Other Vegetable and preparations	618,468 195,561 407,099	687,762 222,326 549,324	683,770 233,490 556,629	782,821 282,495 697,161	1,131,794 839,348 292,446 648,908
Canned Pulses Fresh Hops, including extract	50,793 101,818 125,395 26,603	56,277 194,198 144,479 25,696	60,441 88,343 200,543 26,379	76,187 113,348 244,537	90,297 114,875 216,083
Other Emential oils Seeds, except oilseeds	102,490 64,703 107,182	128,674 59,889 115,962	180,923 63,420 124,461	29,611 233,478 87,206 152,116	26,780 200,873 73,876 171,117

¹ Fiscal years July 1-June 30 for 1974-78; Oct. 1-Sept. 30 for 1977 and 1978.
²Preliminary.
³Totals may not add due to rounding.

Economics, Statistics, and Cooperatives Service—Economics. Compiled from reports of the U.S. Department of Commerce.

Table 783.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1974-781

Product	1974	1975	1976	1977	19782
	1.000	1.000	1.000	1.000	1.000
	dollars	dollars	dollare	dollars	dollars
All commodities	82,503,020	101,060,420	105,881,197	142,648,066	164,802,020
Nonagricultural commodities	72,954,403	91,481,586	95,774,373	129,290,653	150,916,247
Agricultural commodities	9,548,617	9,578,834	10,106,824	13,357,413	13,885,772
Supplementary 3	6,271,989	6,820,520	6,289,086	6,547,956	7,314,547
Animals and animal products	2,796,633	1,697,229	2,200,344	2,303,865	2,753,445
Animals, live, excluding poultry	219,336	95,807	198,931	236,047	314,778
Cattle, dutiable	177,738	44,146	130,751	167,196	217,733
Meats and meat products	1,784,479	1.052,807	1,370,856	1.289,144	1,596,676
Meats, P.L. 88-482	1,084,612	567,828	722,092	682,886	950,576
Meats, fresh, frozen	1,102,125	582,003	737,648	699,545	969,997
Beef and veal	1,082,274	570,367	725,486	688,362	955,100
Pork	40,423	26,895	22,680	15,752	32,714
Meets, prepared, preserved	608,599	425,561	583,994	552,422	560,263
Beef and veal	175,246	85,802	113,506	132,463	128,142
Pork	427,413	333,499	462,110	412,473	422,896
Mutton, goat, and lamb	20,733	11,361	20,065	16,449	27,28
Poultry and products	29,373	23,380	31,197	82,047	88,093
Dairy products	455,486	208,540	243,800	301,365	324,329
Nonfat dry milk	107,298	1,567	1,172	741	720
Cheese	234,637	154,731	186,373	222,168	236,960
Casein and mixtures	62,754	45,629	47,042	68,869	75,153
Fats, oils and greases	6,916	10,927	6,492	5,001	5,730
Hidee and skins	155,342	141,075	196,044	211,639	240,874
Sheep and lamb skins	48,423	54,114	66,786	65,987	69,21
Purskins	79,915	71,055	101,340	117,947	141,06
Wool, unmanuf. excluding free	27,885	19,727	53,879	60,080	49,79
Sausage casings	31,937	36,593	34,627	41,483	47,26
Other animal products	85,881	108,363	64,518	77,062	85,91
Vegetable products	3,475,356	5,123,291	4,088,742	4,244,090	4,561,100
Grains and preps	134,425	178,616	181,236	171,655	190,41
Wheat, excluding seed, edible	11,074	2,221	3,024	3,282	
Barley	26,458	69,039	53,181	25,066	10,447
Biaculta, wafers	45,022	46,887	50,445	59,535	69,32

See footnotes on page 569.

Table 783.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1974-781—Continued

Product	1974	1975	1976	1977	19782
Supplementary 9 — Continued	1.000	1.000	1.000	1.000	1.000
Vegetable products — Continued	dollars	dollars	dollars	dollars	dollars
Fruits and preparations	228,857	248,167	256,094	372,646	470,644
Fresh or frozen	81,336	95,439	99,013	140,307	160,896
Strawberries Prepared or preserved Pineapples Fruit juices	25,880	30,000	20,010	31,391	28,671
Prepared or preserved	105,631 28,980	118,731 59,821	126,490	179,126 88,650	181,431 94,456
Fruit inions	42.034	33,996	67,890 30,592	53,213	128,314
Nuts and preparations	160.338	135,148	171,615	213,757	200,150
Nuts and preparations Vegetables and preparations Fresh or frozen	398 786	376,285	412,100	616,064	767,866
Fresh or frozen	138,813	128,624	145,860	263,294	343,214
Tomatoes Prepared or preserved Olives	66,258	61,886	67,610	148,051	164,230
Prepared or preserved	243,313	247,661	265,240	352,760	424,683
Olives	59,000 30,166	57,031 37,561	69,214 46,221	76,316 66,884	72,52 99,14
Mushrooms, canned	16,784	17,410	17,259	15,550	12,80
Mushrooms, canned Hops and extract equivalent Sugar and related products Sugar, cane and beet	1 396 163	2,763,099	1,629,642	1,104,766	1,046,86
Sugar, cane and beet	1,396,163 1,217,695 119,528	2,554,203	1.425,069	915,728 93,360	880,77
Molasses inedible	119.528	110,421	95,814	93,360	65,94
Molasses irredible Confectionery products Spices Tobacco, unmanufactured	41.940	65,639	73,562	58,930	87,89
Spices	19,139	16,571	14,982	15,618	15,09
Tobacco, unmanufactured	189,606	226,491	263,803	314,363	371,45
	125,008	156,442	183,825	234,897	266,98
Tobacco, scrap Beverages, excluding fruit juices Wine	45,958 339,064	46,860 327,423	52,614 405,272	71,110	94,73 712,34
Wine	278,925	245,141	292,932	547,431 384,423	496.45
Malt heverages	58,674	80,941	109,728	160,752	213.57
Malt beverages Foeds and fodders Oilseeds and products Oilseeds and oilnuts	51,297	46.511	48.843	63,259	65,25
Oilseeds and products	421,458	654.117	535,906	639,326	508.31
Oilseeds and oilnuts	83,961	54,217	60,872	89,365	48,53
	4,268	1,271	1,148	17,566	3,17
Seaame seed Oils and waxes — vegetables Castor oil Coconut oil	15,299	15,754	17,862	20,632	24,64
Oils and waxes - vegetables	335,271	599,175	472,451 22,990	545,004	458,02
Coccount oil	52,269 128,128	24,940 275,502	171.517	43,301 254,485	40,03 228.87
Olive oil	32,408	41,345	40.850	33,233	36,82
Palm oil	54,069	157,611	179.963	131,588	74.92
Palm kernel oil	30,520	56,723	29,529	42,022	34,82
Cotton, excluding linters	15,308	11,266	25,465	13,531	1,77
Cotton linters	2,956	2,559	2,272	3,922	4,28
Seeds, field and garden	36,578	43,952	42,822 60,407	43,294	48,74
Nursery stock	47,128 34,284	54,706 38,381	38,283	80,136 44,332	108,49 52,41
Other vegetable products	3.276,628	2.758.313	3,817,738	6,809,457	6,571,21
Rananaa fresh	197,571	200,796	256,621	309,704	336.49
Banansa, fresh Plantains, fresh	6.367	6,068	7.546	9,175	12.36
Coffee, green	1,691,741	1,224,686	2,023,850	3,974,216	3,465,38
Coffee, roasted	17,297	16,784	36,795	94,963	79,61
Coffee, soluble, extracts	111,807	91,468	133,844	313,502	190,99
Cocoa beans	288,845 40,227	281,847	347,688	475,229	571,34 96.06
Cocoa butter	32,367	82,123 46,107	64,876 56,795	95,491 167,212	348.95
Cocoa, cake, powder, etc	47,416	51.863	82,627	139,313	348.30
Tea, Crude or prepared	74.033	86.419	83,636	178.058	112.79
Spices	86,587	82,712	92.365	132,802	132.15
Spices Pepper, unground, black Vanilla beans	28.210	32,062	37,424	51.653	50.29
Vanilla beans	12,718	11,398	11.612	28,533	21,57
Other	45,659	39,252	43,329	52,616	60,29
Other Rubber, crude, natural: Rubber-latex					
Rubber-latex	37,436 446,062	37,535	35,758	50,838	58,71
Rubber-dry form	446,062	350,813 3,882	401,952 5,895	570,572 3,614	607,21 5,38
Silk, raw Wool, unmanufactured, free	31,766	12,621	18,915	32,354	27.97
Fibers, excluding cotton, jute	95,262	47.611	19,235	28,279	28.16
Essential oils	75,629	47,611 65,976	52.668	79,149	82,12
Drugs	47.240	75,728 23,284	96,262	133,357	137,13
Other	14.137		21,410	21.629	30,00

See footnotes on page 569

Table 784.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1974-7812

Commodity	1974	1975	1976	1977	19783
	1,000	1,000	1,000	1,000	1,000
VARIABLE LEVY COMMODITIES *	dollars	dollars	dollars	dollars	dollars
Feed grains	1,240,152	1,534,470	1,610,090	1,988,069	1,151,963
Corn	1,120,627	1,459,376	1,449,451	1,839,307	1,124,387
Sorghum grain	56,087	69,286	139,569	54,566	8,589 4,306
Barley	21,530	2,620	13,813	88,997	4,306
Oats	41,908	3,188	7,257	5,199	14,682
Corn byproducts	3,723	1,845	12,843	213,787	231,302
Rice	78,281	58,728	74,611	70,356	99,659
Rye grain	747	3,809	944	0	0
Wheat grain	221,469	284,803	433,436	126,869	236,194
Wheat flour	1,077	845	552	490	646
Beef and veal, excluding variety meats	2,770	2,882	4,497	7,540	4,767
Pork, excluding variety meats	557	2,404	611	1,150	1,489
ards	18,914	7,479	5,435	16,189	2,428
Dairy products	272	4,924	6,253	10,302	3,120
Poultry and eggs	28,346	20,840	35,500	24,959	27,238
Live poultry	1,599	1,636	1,488	1,770	2,816
Broilers and fryers	1,080	572	1,994	3,348	2,407
Stewing chickens	24	38	54	153	60
Turkeys	19,902	15,110	28,336	15,136	17,408
Other fresh poultry	588	78	78	164	280
Eggs	5,153	3,406	3,550	4,388	4,267
Other	29,231	42,169	36,129	58,700	108,824
Total	1,625,539	1,965,198	2,220,901	2,518,411	1,867,630

See footnotes at end of table

POOTNOTES FOR TABLE 783.

¹Piscal years July 1 - June 30 for 1973-76; Oct.1 - Sept. 30 for 1977 and 1978.

²Preliminary.

³Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. compolementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

Table 784.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1974-7812—Continued

Commodity	1974	1975	1976	1977	19783
	1,000	1,000	1,000	1.000	1.000
NONVARIABLE - LEVY COMMODITIES	dollars	dollars	dollars	dollars	dollars
Canned poultry 6	265	426	462	0	477
Cotton, excluding linters	104,980 125,566	92,896	32,837	96,618	112,477
Fruits and preparations	29,949	121,992 53,327	152,640	149,942	173,690
Citrus	25,053	45,795	62,565 54,285	54,429 47,316	54,281
Oranges and tangerines	8,451	21,996	23,307	17,135	39,825 12,450
Lemons and limes	11,854	15.523	12,590	12,624	9,276
Grapefruit	4,678	8,215	18,325	17,430	17,798
Other	70	61	63	127	301
Apples	407	2,683	1,694	1,869	4,923
Grapes	1,294	1,009	2,018	328	2,582
Other Dried fruits	3,195	3,840	4,568	4,916	6,951
Raisins	42,494 15,530	28,606 13,429	45,016 13,096	39,553 12,846	56,490
Prunes	24,717	12.868	26,572	21,797	17,190 33,650
Other	2,247	2.309	5,348	4,910	5,650
Fruit juices	17,710	14,568	21,454	29,161	25,078
Orange	11,526	10,107	14,496	20,537	17,389
Grapefruit	2,783	1,657	2,783	3,944	4,241
Other Canned fruits?	3,401	2,804	4,175	4,680	3,448
Canned fruits? Peaches	31,457 8,939	19,173	19,474	19,575	30,957
Fruit cocktail	10,143	3,976	4,600 2,519	5,399 2,638	13,852
Pineapple	6,686	5,994	5,949	5,797	4.662
Other	5,689	5.621	6,406	5,741	9,199
Other fruits	3,956	6.318	4.131	7,224	6,884
Vegetables and preparations	76,633	81,205	112,554	182.456	95,718
Pulse	49,782	50,112	32,139	35,772	49,734
Dried beans	36,776	31,610	22,780	25,669	44,695
Dried peas	13,006	18,502	9,359	6,140	2,600
Fresh vegetables	2,702 4,944	3,527	16,925	44,289	6,454
Asparagus	728	7,216 578	8,922 600	15,775	11,559
Other	4.216	6,638	8.322	521 15.254	10.968
Hops, including extracts	2,783	1.891	2,731	4,010	1.068
Other vegetables and preparations	16,422	18,459	51,837	82,610	26,883
Hides and skins	96,020	92,610	134,153	202,394	177,194
Cattle hides, whole	17,613	20,478	35,276	73,841	47,563
Calf and kip skins	1,812	1,983	2,428	2,481	4,427
Other Oilseeds and products	76,595 2,324,939	70,149	96,449	126,072	125,704
Oilseed cake and meal	644,661	2,024,863 506,325	2,134,578 489,947	2,712,211	3,048,141
Sovbean	605,984	484,058	467,846	521,046 501,637	571,613 548,026
Other	38,677	22,267	22,101	19,409	23,587
Oilseeds	1,626,147	1.420,097	1.575,906	2.133,272	2,393,121
Soybeans	1,519,651	1,313,074	1,476,655	1,982,735	2,112,751
Flaxseed	277	2,487	4,403	44	3,808
Other	106,219	104,536	94,848	150,493	276,562
Vegetable oils	51,700	95,283	60,286	47,701	67,334
Cottonseed	12,631 2,502	9,829 4,125	15,620	12,225	4,275
Linseed	12,738	42,820	6.299	1,080 2,433	15,750 6.484
Other	23,829	38,509	38,130	31,993	40.825
Tallow	94,135	67,449	54,337	133,254	113.192
l'obacco, unmanufactured	388,346	398,357	361,785	419,649	453,719
Variety meats, fresh or frogen 5	93,945	80,042	89,938	119,766	109,630
Nuts and preparations	72,568	83,278	89,141	104,629	143,673
Corn gluten feed Food for relief and charity	84,798	77,693	109,984	182,757	204,887
Other	221,471	134 229,464	1,707 269,282	125 270,422	70 151,356
Total	3,683,722	3,350,409	3,543,398	4.574.223	4.784.724
Total European Community	5,309,261	5,315,607	5,764,299	7,092,634	6,652,354

JNSCGKURSMCEPFEBPBVCHESMINSPPDGACMRCHPDNBTGSAYEJSCO

¹ Fiscal years July 1 – June 30 för 1974 – 76; Oct. 1 – Sept. 30 for 1977 and 1978.
² Not adjusted for transshipments through Canada and Western Europe.

² Not adjusted for transshipments through canada and western purope.
³ Preliminary.
⁴ Grains, poultry, and pork, were subject to variable levies beginning on July 30, 1962; rice on Sept. 1, 1964; and beef and dairy products on Nov. 1, 1964.
⁵ Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.
⁶ Although canned poultry, and pork variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.
⁷ Variable levy on sugar-added content.

Economics, Statistics, and Cooperatives Service-Economics. Compiled from reports of the U.S. Department of Commerce.

Table 785.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years $1976-78^{\circ}$

		1976			1977			1978	
Country 2	Total agri- cultural exports	Under specified Govern- ment financed pro- grams ³	Outside specified Govern- ment- financed pro- grams *	Total agri- cultural exports	Under specified Govern- ment financed pro- grams	Outside specified Govern- ment financed pro- grams*	Total agri- cultural exports	Under specified Govern- ment- financed pro- grams ³	Outside specified Govern- ment- financed pro- grams 4
E 1102 11	Million	Million	Million	Million	Million	Million	Million	Million	Million
	dollars 3,300.5	dollars	dollars	dollars	dollars	dollars	dollare	dollars	dollare
apan etherlands	3,300.5	0	3,300.5	3,773.5	0	3,773.5	4,159.1	0	4,159
oviet Union	1,785.1	0	1,755.1	2,178.8 1,063.2	0	2,178.8	2,150.4	0	2,150
enede	1,400.2	0	1,400.2	1,570.3	0	1,063.2	1,796.6 1,567.0	0	1,796
anada ermany, Fed. Rep. of orea, Rep. of	1,618.1	0	1.618.1	1,932.6	0	1,932.6	1,460.0	0	1,460
orea. Rep. of	722.4	61.2	661.2	919.0	76.1	842.9	1.055.4	63.3	992
nited Kingdom	647.1	0	647.1	907.4	0	907.4	937.8	0	937
aly	799.8 655.0	0	799.8	836.2	0	836.2	929.0	0	929
exico	655.0	0	655.0	594.7	0	594.7	754.8	0	754
exico	403.7	0	403.7	608.4	0	608.4	735.3	0	738
hina, Taiwan	562.0 404.7	0	562.0 238.8	612.3	0	612.3	729.2	0	729
gypt	447.3	165.9	447.3	563.5 311.2	300.3	263.2 311.2	552.2 522.9	420.4	131
rance	408.1	0	408.1	473.8	0	473.8	504.1	0	504
20	148.3	0	148.3	441.9	0	441.9	452.1	0	453
algium.Luvambouser	148.3 375.0	0	148.3 375.0	535.7	0	535.7	437.9	0	437
ortugal	232.9	11.4	221.5	373.8	61.4	312.4	379.6		373
ortugal	430.0	1 4	429.6	87.2	1.0	86.2	412.3	0	412
eneguela	271.2	0	271.2	305.1	0	305.1	355.4	0	355
enezuela	2.4	0	2.4	1.2	0	1.2	352.4	0	351
ong Kong	155.9	0	155.9	278.7	0	278.7	344.0		344
ndonesia	175.5	42.9	132.6	238.9	131.8	107.1	334.4	156.8	177
audi Arabia	150.0	0	150.0	145.7	0	145.7	283.5	0	283
rael	291.2 739.6	182.2 92.7	109.0 646.9	313.2 415.1	341.9	-28.8	270.8	250.1	20
imeria	112.4	32.7	112.1	221.7	140.9	274.3 221.7	270.7 251.1	131.5	139
igeria witserland	138.3	0 0	138.3	240.6	0	240.6	242.4	0	24
akistan	146.7	106.4	40.3	116.1	51.6	64.5	218.4		154
hilippines	188.6	15.5	173.1	180.3	48.9	131.4	196.8		18
enmark	135.2	0	135.2	192.2		192.2	186.5		18
reace	121.1	0	121.1	160.1	0	160.1	161.4		16
lgeria	175.2	4.0	171.2	105.8		100.5	152.3	4.1	148
hile	87.1	57.7	29.4	94.9		77.8	145.0		138
lorocco	79.8	11.3	68.5	70.1		45.4	144.7	27.9	110
omania	80.7	0	80.7	118.0		118.0	134.0	0	13
olombia	86.1 70.9	6.6	79.5 70.9	124.6 61.6	4.8	119.8	129.7 125 1		127
	144.1	5.5	138.6	126.1	4.7	121.4	122.2	17.4	10
eru ominican Republic	115.7	8.5	107.2	101.5		92.2	122.1		111
orway	101.9	0	101.9	120.0		120.0	121.6		12
angledach	215.9	158.2	57.7	108.2		41.7	119.6		1
hailand erman Dem. Rep	70.8	0	70.8	123.4		123.4	119.0		119
erman Dem. Rep	35.2	0	35.2	35.2	0	35.2	103.7	0	100
weden	96.6	0	96.6	101.0		101.0	100.4		100
ustralia			70.0	93.5		93.5	92.2		90
ugoslavia	33.8	0	33.8	52.9		52.9	89.5		86
cuador	66.7	1.4	65.3	71.9		70.8	78.3		
amaicaingapore	48.2	0.1	35.8	80.5 65.1		77.6 65.1	77.7	12.0	
zechoslavakia	69.1	0.1	69.1	88.1	0	88.1	65.5		6
ther Countries	1,661.5	114.5	1,547.0	1,639.1		1.408.1	2,183.1		1.92
		-	-		-	-	-	-	-
Total	22,146.9	1.046.6	21,100.4	23,973.9	1,521.2	22,452.7	27,306.2	1,541.6	25,76

¹Fiscal years July 1—June 30 for 1976; Oct. 1—Sept. 30 for 1977 and 1978. Data for transition quarter July 1,—Sept. 30, 1976, are as follows (million dollars): Total agricultural exports, 5,355.1; under specified Government-financed programs, 4531.5.

Not adjusted for transahipments through Canada and Western Europe.
¹Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 83—480 (the Agricultural Trade Development and Assistance Act of 1954, as amended. Also includes the Foreign Assistance Act of 1961, as amended.

*Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter of oversees procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods through Commodity Credit Corporation and losse and guarantees from the Export-Import Bank and (3) sales of Government-owned commercial times than domestic market prices.

Economics, Statistics, and Cooperatives Service - Economics.

Table 786.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1976–19781

Tr

18 Comi Ec

		1976			1977			1978	
Country	Total	Comple- men- tary 2	Supple- men- tary ²	Total	Comple- men- tary ³	Supple- men- tary ³	Total	Comple- men- tary ²	Supple- men- tary 2
	Million	Million	Million	Million	Million	Million	Million	Million	Million
	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars	dollars
Brazil	801.3	593.1	208.2	1,457.8	1,246.8	211.0	1.342.3	997.4	344.
Mexico	633.0	262.3	370.7	1,014.3	454.0	560.3	999.4	307.0	692
Colombia	472.7	388.0	84.7	571.4	522.1	49.3	735.9	673.1	62.
anada	579.4	35.7	543.7	645.4	63.4	582.0	710.2	38.8	671.
Australia	600.0	1.1	598.9	499.6	1.4	498.2	676.2	1.0	675.
ndonesia	332.7	315.7	17.0	598.2	578.9	19.3	552.6	535.8	16.
Philippines	393.2	7.9	385.3	610.9	16.5	594.4	533.1	19.6	513.
Dominican Republic	369.6	114.3	255.3	457.7	224.0	233.7	416.5	238.8	177.
Netherlands	258.5	32.9	225.6	308.2	83.7	224.5	400.9	157.0	243.
New Zealand	248.8	12.7	236.1	304.0	23.3	280.7	385.5	19.2	366
Cuador	176.5	150.5	26.0	295.8	283.4	12.4	372.7	367.7	5
rance	222.7	45.2	177.5	293.6	67.7	225.9	346.5	67.5	279
vory Coast	186.6	183.9	2.7	338.1	337.0	1.1	326.3	324.7	1.
dalaysia	333.3	153.3	180.0	351.3	203.3	148.0	317.9	225.7	92
Guatemala	211.4	102.0	109.4	334.5	221.4	113.1	316.0	247.1	68
ionduras	139.8	98.1	41.7	177.0	136.1	40.9	269.0	213.9	55
ermany, Fed. Rep. of .	128.6	22.0	106.6	194.2	40.5	153.7	268.7	74.1	194
enmark	250.4	14.2	236.2	238.2	17.5	220.7	254.7	21.2	233
taly	169.1	4.7	164.4	197.3	4.9	192.4	243.0	6.2	236
Osta Rica	188.6	117.1	71.5	240.6	182.9	57.7	235.1	178.6	56
rgentina	176.8	4.5	172.3	159.3	11.7	147.6	222.4	13.0	209
Spain	164.7	10.1	154.6	183.3	18.4	164.9	188.7	11.5	177
Peru	166.3	39.2	127.1	165.1	108.7	56.4	188.6	142.3	46
ndia	218.0	53.8	164.2	180.8	114.0	66.8	152.2	94.8	57
Purkey	113.1	3.6	109.5	139.0	2.9	136.1	143.0	3.4	139
	120.9	36.9	84.0	106.6	44.9	61.7	142.2	59.7	82
vicaragua	136.3		135.6				139.9		
oland	109.8	4.4	105.4	134.4 128.4	2.6	131.8	134.3	1.6	138
hina, Taiwan	141.3	93.0	48.3	356.4	328.5			92.9	127
El Salvador						27.9	128.6		35
Jganda	74.9	74.9	0	258.4	258.1	3	111.6	111.6	(3)
ugoslavia	72.1	2.3	69.8	87.5	1.8	85.7	105.4	3.2	102
dalagasy Republic	55.1	43.5	11.6	75.8	72.3	3.5	104.1	104.1	0
Inited Kingdom	96.2	25.9	70.3	99.7	28.3	71.4	100.1	28.3	71
aire	19.6	19.3	.3	107.9	107.1	8	99.6	98.4	1
Jhana	64.9	64.8	.1	83.3	83.3	(3)	96.2	96.2	(3)
Sthiopia	82.7	79.7	3.0	91.8	90.2	1.6	92.6	89.5	3
apan	72.0	7.1	64.9	80.5	8.2	72.3	88.6	7.9	80
Thailand	99.5	29.2	70.3	98.9	59.7	39.2	83.2	41.8	41
Vigeria	52.6	49.2	3.4	69.9	65.7	4.2	82.3	79.1	3
hina, Mainland	38.4	13.1	25.3	71.7	19.8	51.9	79.0	19.4	59
Canzania	26.3	24.1	2.2	65.7	61.8	4.9	76.7	72.2	4
iberia	48.9	48.6	.3	66.9	66.4	.5	76.3	76.3	(3)
ran	74.6	6.5	68.1	68.8	6.4	62.4	73.6	9.7	63
witzerland	37.6	6.9	30.7	47.3	6.9	40.4	67.1	9.2	57
apua New Guinea	32.7	32.2	.5	63.1	62.8	.3	60.0	59.7	
Cenya	36.2	34.8	1.4	74.6	71.9	2.7	58.4	55.6	2
anama	48.9	12.1	36.8	70.0	43.3	26.7	58.4	35.2	23
Korea, Rep. of	33.7	1.4	32.3	49.2	4.4	44.8	58.2	3.7	54
Freece	39.5	1.8	37.7	54.6	2.5	52.1	57.6	2.0	55
Rwanda	23.4	23.4	0	37.9	37.9	0	56.2	56.1	(3)
Other Countries	933.6	316.0	617.6	951.5	302.2	649.3	1,058.2	371.7	686
Total 4	10,106.8	3,817.7	6.289.1	13.357.4	6.809.5	6,548.0	13,885.8	6,571.2	7,314

Economics, Statistics, and Cooperatives Service — Economics. Compiled from reports of the U.S. Department of Commerce.

¹Fiscal years July 1 – June 30 for 1976; Oct. 1 – Sept. 30 for 1977 and 1978.

²Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all other, about 96 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

³Less than \$50,000.

⁴Totals may not add due to rounding.

Table 787.—European Community: Value of agricultural imports by origin, 1964-771

Year ²	United States	EC countries	Other countries	Total
1964 1965 1966 1967 1968 1969 1969 1970 1971 1972 1973 1974 1975 1976	Million dollars 2,214 2,245 2,476 2,143 2,113 2,027 2,487 2,649 2,966 4,872 5,773 6,133 6,689 7,427	Million dollars 4,550 5,056 5,023 5,638 6,197 7,418 8,225 9,946 12,500 17,333 20,374 23,545 25,863 29,318	Million dollars 11,304 11,298 11,398 11,899 11,195 10,838 11,863 12,583 12,523 14,801 20,177 21,787 21,787 21,413 24,455 30,294	Million dellars 18,066 18,596 19,486 18,977 19,144 21,306 23,322 25,412 30,257 42,386 47,939 51,027 67,037

¹Based on data from the United Nations, Organisation for Economic Cooperation and Development, and European Community.

Economics, Statistics, and Cooperatives Service — Economics.

Table 788.—Commodity futures: Contracts traded, United States, 1974-1978

Commodity	Contract		Z	Number of contracts		
and market	nuit	1974	1975	1976	1977	1978
Wheat: Total Total	5,000 bushels 1,000 bushels	2,979,326	3,068,876	3,889,628	2,629,010	3,596,396
t, durum:	5,000 bushels	3,974	2,231	111	8	
	5,000 bushels 1,000 bushels	4,679,050	4,835,049	4,609,801	5,021,827	6,127,096
	5,000 bushels 1,000 bushels	199,500	154,067	126,885	108,970	215,77
	5,000 bushels 1,000 bushels	2,731,297	3,913,804	5,474,179	7,996,139	8,477,277
in oil:	80,000 pounds	1,620,316	1,489,720	1,685,819	2,535,046	2,909,284
in meal:	100 tons	878,182	792,227	1,523,711	2,373,453	2,493,086
	32,000 pounds		0	13		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	37,500 pounds	161,913	71,063	174,486	214,302	163,959
domes	112,000 pounds	43,273	9,726		**********	
	112,000 pounds	736,941	790,630	984,677	1,068,964	1,016,773
#12	112,000 pounds	302	1,641	14,052	15,676	21,875
N#	\$0,000 pounds	396,434	525,103	838,543	806,306	1,155,801
es, Idaho:	\$0,000 pounds	890'6	1,974	1,880	4,727	98
es, maine	\$0,000 pounds	1910,781	796,732	413.021	41.248	

Total	80,000 pounds			43,649	478,558	
Total	15,000 pounds	96,525	65,846	789,69	377,921	285,405
Total	96,000 pounds	762	************			
Total	100,000 bd. ft.	238,427	256,252	350,530	486,691	560,4
Total	76,032 sq. ft.	383,322	285,486	233,373	368,770	361,4
Total	100,000 bd. ft.	3,258	2,320	•	789	I
Total	30,000 pounds 15,000 pounds	1,063,512	1,426,507	1,146,815	1,307,712	1,765,201
Total	36,000 pounds	735,246	1,443,464	1,201,066	1,358,730	
Total	36,000 pounds			00		***********
Total Total Ender Programme Total	40,000 pounds 20,000 pounds	2,517,341	2,457,259	2,647,700	2,639,517	
Form	42,000 pounds	30,999	29,587	62,795	133,274	
Total	30,000 pounds			* * * * * * * * * * * * * * * * * * * *	7	
College Conference	30,000 pounds	4,803	3,396	3,114	2,690	2,890
Total	28,000 pounds	221,128	179,393	117,641	64,938	74,6
Control of the Contro	36,000 pounds	•	:	118	144	
Otal	22,500 dozen	361,257	142,968	146,341	130,042	1
Fotal	5,000 pounds	2,350	889	592	6	

Table 789. - Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity

		- Sa	Reporting (large) traders' commitments classified by them as speculative or hedging	rge) trade	rrs' comm	tments ch	ssified by	them as	peculativ	or hedgi	. 91	,		
				Speculative	lative							(small)	(amall) traders speculative and	Total
Commodity and market	Contract unit	Long or s	ong or short only	Long an	Long and short (spreading) ²	ę.	Total	Hed	Hedging	4	Total	commit	ments 3	open
		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short	
Wheat		Num- her	Num- ber	Num-	Num- ber	Num- ber	Num- ber*	Num- ber*	Num- ber*	Num- bert 44.847	Num- ber* 50,858	Num- bert 22,666	Number 16,644	Nume Per 67,50
CBOTT* CBOT* BOTKC7 MGE*	5,000 bushels do do do	3,544 0 217 76	1721	6937 4 4008	7.217 158 158 198	10,481 771 576	8.98 2517 88	14,910 0 14,303 3,802	21,389 0 14,913 4,659	15,074	30,327 153 15,626 4,752	3,413 3,413 1,755	12,155 247 2,861 1,381	4, 18, 4, 133 133
Oorn: All markets CBOT MACE	9.6	7,034	3,059	9,613	9,613	16,647	12,672 12,586 116	74,901 74,901 0	83,699 83,698	91,548 91,491 57	98,371 96,284 117	41,322 40,640 682	36,499	132,67 132,13 73
Oats:	op	190	8	452	199	642	980	1,009	2,358	1,651	2,906	3,150	1,893	4,80
eans: I markets MACE	9-9	5,738 5,730	2,517 2,460 57	24,911 24,576 335	24,911 24,639 272	30,649 30,306 343	27,428 27,099 328	33,813 33,813 0	39,252	94.462 94.113 343	66,680 351 329	39,061 37,925 1,136	36,833 35,683 1,140	102,044
ean meal:	100 tons	3,893	2,817	8,542	8,542	12,435	11,359	22,377	25,408	34,812	36,762	9,824	7,874	44,63
ean oil:	spunod 000'09	5,497	3,546	11,774	11,774	17,271	15,320	20,625	26,880	37,896	42,200	11,433	7,129	49,32
rce.	100 bales	2,696	1,023	2,040	2,040	4,736	3,063	12,678	20,286	17,414	23,349	11,886	8,961	29,30
ige juice, frozen concentrated:	15,000 pounds	641	883	1,446	1,445	2,086	1,998	5,827	5,475	7,913	7,678	4,600	8,040	12,51
(Eu	22,500 dozens	96	125	16	16	106	140	8	286	186	455	1,493	1,253	1,67
toes: ound white) NYME 12	50,000 pounds	2,615	2,458	1,067	1,067	3,672	3,515	618	4,330	4,290	7,845	8,632	5,077	12,922
All markets (Live beef) CME (Live feeder) CME	40,000 pounds 42,000 pounds	26,577 21,549 5,028	3,150	9,066 7,874 1,192	9,062 7,870 1,192	35,643 8,423 6,230	11,020	7,125 4,808 2,317	36,517 33,388 3,129	42,768 34,231 8,537	49,408 44,408 5,001	44,664 38,927 5,737	38,023 28,750 9,273	87,432 73,158 14,274
Hogs, live	30,000 pounds	5,563	1,838	2,468	2,763	8,031	4,601	482	1,485	8,513	980'9	11,137	13,564	19,65
frozen bellies:	96 000 namedo	9.919	1 0.06	1 646	1 648	2 887	3.581	189	962	4.046	4 443	8,919	5.522	9966

	8,047	5,862	2,466	3,694	35,716
Ī	4,408	1,877	. 862	1,853	7,176
Ī	4,224	2,174	1,063	2,515	19,127
	3,639	3,965	1,593	1,841	28,540
Ī	3,623	3,688	1,392	1,179	16,589
	1,781	2,416			21,862
Ī	1,416	2,168	1,007	1,022	166'6
Ī	1,858	1,569	8	979	899'9
	2,407	1,520	388	167	6,598
	1,218	1,028	8	76	1,678
-	1,218	1,028	3	26	1,675
-	640	541	64	463	4,983
	1,189	492	291	81	4,923
	100,000 bd. n	76,032 sq. ft	30,000 pounds	37,500 pounds	112,000 pounds
	Lumber CME	CBOT Broilers, icad	Coffee	NYCSE 12	NYCSE 13

¹ Commodities covered by the Commodity Exchange Act price April 1975. Preliminary. Average is for three mostles only for lumber, plavood, broilers, coffe-and sugar. Average is for three mostles only for lumber, plavood, broilers, coffe-and sugar. Average is for the mostles only for lumber, plavood, broilers, coffe-and sugar. Average and short forgending presiding presiding are derived on a mechanical basis from equal layer and fort positions reported as speculative. A commitments from total open interest. A chicage of band of Trade. A chicage Board of Trade. Wild America Commodity Exchange.

The Board of Trade of Kansas City, Mo. Inc.

*Minneapolis Grande of Kansas City, Mo. Inc.

*New York Cotton Exchange.

*New York Cotton Exchange.

*Gittun Amexistee of the New York Cotton Exchange, Inc.

**Hocking Afercantile Exchange.

**The Court of Cou

Commodity Futures Trading Commission.



Table 790.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1978.

			Reporting (large) tra	lers' comm	itments c	Reporting (large) traders' commitments classified by them as speculative or hedging	them as a	peculative	or hedgin		,		
				Speci	Speculative							Nonreporting (small) traders speculative and	porting traders tive and	Total
Commodity and market	Contract unit	Long or s	ong or short only	Long a	Long and short (spreading) ²	To	Potal	Hed	Hedging	4	Total	commit	ging ments ³	open
		Long	Short	Long	Short	Long	Short	Long	Short	Iong	Short	Long	Short	
Meat: All markets	777	Per cent*		Per cent*	Per cent	Per cent*		Per cent*	Per cent*	Per- cent*	Per- cent* 75.3	Per cent	Per-	Per-
MACE* BOTKC' MGE*	000 pp	3022	010			1222		77.3	76.0	11.4	288 71.6 11.5	99.0 18.5 28.6	25.5	8888
CBOT CBOT MACE	9.9	5.3	0.23	ed color	7.51	125	9.5 9.5 16.7	56.7	683	60.2	725 728 15.8	30.8	222	1000
CBOT	do	4.0	2.1	9.4	9.4	13.4	11.5	21.0	49.1	34.4	909	65.6	39.4	1000
Suppose Suppos	99	200	322	228	24.1 24.1 18.5	28.5 23.3 23.3	22.4	38.1	37.9	23.3	22.4	76.2	36.6	1000
CBOT	100 tons	8.7	6.3	19.2	19.2	27.9	25.5	80.1	86.9	78.0	82.4	22.0	17.6	1000
our our	spunod 000'09	11.1	7.2	23.9	23.9	35.0	31.1	41.8	54.5	76.8	85.6	23.2	14.4	1000
NYCE's	100 bales	9.2	3.5	7.0	7.0	16.2	10.5	43.3	69.2	59.5	7.67	40.5	20.3	1000
concentrated:	15,000 pounds	5.1	4.4	11.5	11.6	16.6	15.9	46.6	43.8	63.2	7.69	36.8	40.3	100
CME 11	22,500 dozen	5.4	7.4	o,	9	6.3	8.3	4.7	17.0	11.0	26.3	88.0	74.7	9
(Round white) NYME 12	spunod 000'09	20.2	19.0	8.2	8.2	28.4	27.2	4.8	33.5	33.2	60.7	66.8	39.3	100
Il marketa (Live beef) CME (Live feeder) CME	40,000 pounds 42,000 pounds	38.7	223	10.8	10.8	40.8 43.6 43.6	14.8	162	41.7 21.9	8.85 8.88 8.88	86.5 35.1	53.1 40.2 40.2	88.5 88.5 88.5 88.5	98
CME	30,000 pounds	28.3	9.4	12.6	14.1	40.9	23.5	2.4	7.5	43.3	31.0	56,7	0.69	1000
Ironon bellins.	36,000 nounds	99.9	19.4	16.8	300	000	0 80	0.	8 8	900	999	100	* 22	1001

100,000 bd. ft	14.8	8.0	18.1							45.2	52.5	848	1000
76,032 sq. ft	8.4	9.5	17.5	17.5	25.9	28.7	37.0	41.2	62.9	0.89	37.1	32.0	100.0
30,000 pounds	11.9	7	3.8							64.9	43.3	35.1	100.0
37,500 pounds	2.2	12.3	2.0	•			-			49.8	188	80.2	1000
112,000 pounds	13.8	13.9	4.7		-					79.9	53.5	20.1	100.0

¹ Committee covered by the Commodity Exchange Act price to April 1975. Preliminary. Average for three months for lumber plywood, broilens, coffice and sugar. Preliminary. 2 Effective July 1, 1963, reporting presiding businesses described as a speculative or hedging, long and short (speeding) presidions are derived on a mechanical basis from equal long and short positions reported as speculative. Therived by subtracting reporting traders commitments from total open interest. Commitment data in contracts as a percentage of open interest for each contract market. "Chicago Baard of Trader." (Alicago Baard of Trader.")

The Board of Trade of Kansas Gty, Mo. Inc.
Nimespoil or Grant Exchange.
Nimespoil or Grant Exchange.
Note where Took Cotton Exchange.
Include Associated of the New York Cotton Exchange, Inc.
Includes Mercantile Exchange.
Includes Not Mercantile Exchange.
New York Coffee and Sugar Exchange.

Commodity Futures Trading Commission.

Table 791.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1964-78 (round weight)

1 1 1 1 1 1			Disposi	ition	
Year	Catch	Fresh and frozen	Canned	Cured	Byproducts and bait
1964 1965 1966 1967 1968 1970 1970 1971 1972 1973 1974 1975 1976 1977	Million pounds 4,541 4,776 4,365 4,065 4,160 4,337 4,917 5,018 4,806 4,858 4,967 4,877 4,877 4,877 5,350 5,198 6,028	Million pounds 1,643 1,750 1,601 1,442 1,543 1,595 1,595 1,600 1,612 1,715 1,660 1,744 1,865 2,025 2,237	Million pounds 1,033 1,042 884 1,001 1,017 993 1,150 1,019 976 882 1,005 907 1,078 1,078	Million pounds 71 76 77 67 67 68 88 71 70 59 69 55 53	Million pounds 1,79 1,90 1,79 1,52 1,53 2,10 2,10 2,20 2,23 2,17 2,14 2,00 2,23 2,17 2,14 2,00 2,24 2,24 2,24 2,24 2,24 2,24 2,2

¹ Preliminary.

Table 792.—Frozen fishery products: Production, by geographic divisions, 1964-78

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000	1,000 pounds	1,000 pounds
1964	125,802	9.211	41,332	482	60	75.412	79,985	332.284
1965	138,329	5,783	41,206	2,000	38	85,691	93,734	366,781
1966	135,162	4,327	39,780	421	28	75,696	103,225	358,639
1967	108,254	3,516	32,819	1,856	18	90,884	86,934	324,281
1968	126,187	3,609	45,555	1,222	41	104,363	87,450	368,42
1969	101,147	3,248	58,770	69	15	108,913	80,533	352,690
1970	117,625	1,319	59,059	2,931	40	113,697	93,623	388,29
1971	100,522	1,791	58,884	1,366	20	117,968	81,477	362,000
	107,611	15.325	49,257 50,544	1,065	20	119,146 101,162	88,749 137,320	368,948 410,368
1974	75,143	20,351	45,719	4,486	12	75,710	118.847	339,93
1975	82,610	10,500	48,340	4.623	2	61.815	91.762	299,653
1976	92.843	7,515	47,661	1.182	80	70,044	102.347	321.67
1977	95,853	7,857	36,006	4.846	367	60,302	140,459	345,690
1978	88,222	3,422	40,167	218	36	49,800	127,381	309.24

U.S. Department of Commerce, National Marine Fisheries Service.

U.S. Department of Commerce, National Marine Pisheries Service.

Table 793.—Fresh and frozen packaged fish: Production and value, by principal species, United States, 1964-78

Year	Co	d	Flour	nder	Hadd	lock
1-4	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000
84	10110	3.351	48,554	17.457	37,331	13,71
65	0.000	3,530	49,586	20,267	40.154	16.20
88		3,907	49,542	22,754	40,110	16.9
67	14,006	5,409	45,287	20,731	34,069	15,3
68	. 13,955	5,338	43,384	20,478	22,351	11,1
69	. 15,397	6,980	46,229	24,961	13,353	8,4
70	13,619	7,445	46,657	28,712	8,867	6,9
11	. 14,970	9,144	38,325	28,049	6,738	6,6
72		9,216	38,580	32,734	5,013	6,7
73	10 110	13,796	40,322	40,546	6,631	9,1
24		16,424	40,966	44,526	8,897	12,1
78	10.000	10,000	40,007	53,126	8,219	12,3
	04 800	97 798	44 597	60.718	14.050	8,2
782	00 004	31 398	41 716	76.060	17 910	21,2

Year	Ocean Atla	perch, ntic	Whi	ting	Oti	ser	Tot	al
mark and the	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1964	1,000 pounds 23,815 22,696 21,664 19,477 15,556 14,618 16,008 18,343 17,540 15,268 12,093 8,397 9,437 10,448 9,515	1,000 dollars 6,324 6,156 5,743 5,172 3,953 4,937 4,922 6,075 7,379 8,183 6,236 6,236 6,236 6,236 6,0108	1,000 pounds 2,094 2,286 2,488 1,818 2,090 895 782 482 156 2,750 1,950 996 988 830 919	1,000 dollars 460 509 617 452 520 270 267 154 51 1,061 582 613 613 609 643	1,000 pounds 39,211 41,852 38,338 38,176 47,121 47,875 49,534 53,012 51,086 52,183 56,821 68,303 68,113	1,000 dollars 16,062 19,549 17,196 18,917 24,717 26,589 25,390 38,765 38,661 39,456 51,256 58,620 62,468 64,791	1,000 pounde 161,121 168,832 165,890 182,995 135,512 137,613 133,506 128,392 126,643 133,359 135,191 131,923 142,585 160,388 161,283	1,000 dollars 57,364 66,314 69,536 64,336 60,457 74,836 75,444 91,932 111,377 119,432 167,101 191,822 206,869

¹Packaged fish represents production of fillets and steaks.

²Preliminary.

U.S. Department of Commerce, National Marine Pisherise Service.

Table 794.—Canned fishery products: Production and value, United States, 1964-78

**		Sard	ines	Tune	M-1	Chairman	Clam		Other	Total
Year	Salmon	Maine	Pacific	tuna-like fishee	Mackerel ³	Shrimp	prod- ucts ²	Oysters 2	prod- ucts	Total
					Produ	ction				
964	1,000 pounds 180,442 174,413 209,161 99,473 165,490 122,444 183,466 168,452 96,192 71,772 87,791 78,086 127,611 150,823 164,239	1,000 pounds 20,259 29,646 31,182 29,260 40,489 24,402 18,872 22,249 36,540 23,284 25,131 26,008 24,971 23,496 26,376	1,000 pounds 5,438 374 116 (3)	1,000 pounds 350,301 359,349 398,694 394,841 400,159 403,386 440,455 444,294 626,428 646,421 668,134 542,491 567,503 710,977	1,000 pounds 48,187 31,656 18,575 12,733 22,294 17,354 8,487 16,517 13,763 2,861 3,779 9,738 6,643 30,890 26,072	1,000 pounds 9,740 15,629 14,201 16,851 18,967 20,729 25,125 22,345 23,795 25,228 22,121 12,407 20,021 24,525 15,788	1,000 pounds 60,348 67,592 68,795 65,741 61,830 62,923 65,493 70,978 80,145 90,770 88,276 75,972 64,422 73,462 69,263	1,000 pounds 5,912 4,033 2,800 4,623 4,557 2,000 1,904 3,387 2,786 2,058 1,979 2,402 1,159 1,027 590	1,000 pounds 414,936 438,936 574,870 553,239 515,043 602,069 5720,694 770,852 784,973 656,795 538,759 720,448 574,597 652,656	1,000 pounds 1,095,56 1,121,65 1,187,61 1,187,61 1,186,39 1,385,81 1,345,89 1,335,81 1,567,78 1,355,4,00 1,365
					V	lue				
1964 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	122,744 136,076 76,121 118,016 90,286 138,675 137,822 90,406 111,100 137,000 115,291 206,316 243,344	7,584 10,868 12,262 1 13,862 1 19,297 5 11,512 1 1,227 1 10,856 9 23,877 5 15,688 5 21,745 1 24,917 2 24,478	(*)	0 217,76 1 233,37	2 6,760 4,997 8 3,346 6 2,363 9 4,098 4 1,534 1,534 2 3,076 3 2,618 7 540 9 921 2 2,614 4 2,065 9 11,869	1,000 dollars 12,986 20,655 21,973 24,332 29,444 27,730 37,277 33,648 38,396 55,234 44,370 27,650 48,815 71,336 45,845	1,000 dollars 17,987 18,097 21,125 21,728 20,444 22,045 25,661 25,344 27,263 38,106 41,773 39,258 64,521 59,595	1,000 dollars 5,292 3,701 6,152 5,624 2,164 2,102 4,814 4,292 3,688 3,688 4,065 2,548 2,687 1,337	1,000 dollars 71,528 80,728 80,633 116,951 116,417 118,843 143,282 137,485 174,383 221,045 225,815 192,933 250,747 236,482 250,422	1,000 dollars 436,68 495,23 563,76 583,90 575,53 741,78 998,70 1,167,16 1,305,84 1,071,94 1,429,69 1,574,68 1,979,72

Beginning 1971, figures contain only Jack mackerel. Represents the net weight of canned products. In the classifications, "Clam products," "Oysters," and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoses and other vegetables, etc. 8 Included in "Other products," beginning 1967.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 795. - Fishery product: United States imports for consumption, 1974-78

Class and item	100		1974	1	1975		1976	_	1161		8761
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Clible fishery products:											
Fish, freshwater and salt-water:			1,000 dollars		1,000		_		1,000		7,000
Yellow pike	op	4,181		8,419	5,637	6.194	_	_	36	11.947	858
Halibut	8-8-	5,367	_	12,772	8,023	13,002	_	_	100	9,310	100
Sea herring	9-9	12,463	_	99,250	11,469	7,742	_		10,794	6,617	13,56
Filleted, skinned and boned	op op	784,775		476,324	395,456	608,798	246,464	629,376	250,452	801,580	330,591
Shellifah:	do	86,967		86,906	34,896	74,198	_		42,104	198,78	48,88
Lobsters	9.9	1,602	178.198	1,436	919	2,132	1,481	2,969	2,490	4,315	3,392
Other	9-9-	31.485	379,766	200,339	344,662	227,480	400,008	226,308	488,338	196,475	418.364
Anchovies	4	200	-	annian .	000'00	41,400	73,080	44,713	72,044	48,088	108,006
Sardines	9-	69,137	36,886	31,106	24,907	63,873	36.817	6,596	11,780	6,415	10,680
Lobsters	9-9	1.688	8.627	51,782	10 947	59,014	67,627	36,006	9999	62,170	64,185
Other Jured fish, dried, pickled, salted, smoked or	op	142,468	99,782	76,969	64,006	102,575	86,463	86,133	996'66	86,963	108,779
kippered Other fish and shellfish	99	62,823	41,102	60,307	38,706	75,877	49,171	62,016	48,947	69,483	61,563
Total edible products	do	2,396,880	1,495,390	1,913,069	1.367.180	2 228 47K	1 916 949	01044	9,142	16,630	28,031
Conedible fashery products:							- Carolina de la caro	Sparitorio	2,010,492	2,420,100	2,274,717
Fish scrap and meal Other nonedible products	1,000 tons	2,140	3,787 15,706 196,006	1,862	23,576	3,109	4,459	2,277	18	2,552	6,322
Total nonedible products			918 408		000 000		200		010,111		191'000
Georgian Company			Oracio and	*****	616,800	******	410,497		544,367	******	823,040
Grand total	***********	******	1,710,878	*****	1,637,099		2 339 345		0.690 870		0 000 000

U.S. Department of Commerce, National Marine Faheries Service Compiled from reports of the Bureau of the Census.

1 Excludes loins and discs, included with other.

Table 796.—Domestic fishery products: United States experts. 1974-78

s, pollock, and cusk		100		21	1975	119	1976	19.	1377	19.	8781
Edible fathery products: Fresh or frozen: Figh. Cod, harddock, hake, pollock, and cusk Salmon Other Salminst Sa		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
e, pollock, and cusk			1,000		1,000				1	-	
	OOD nounds	1.814	dollars	900	dollars		dollars		dollars		dollars
	do	28,067	34,924	828	66,863	41,922	75,645	178.00	125,396	128.771	276.256
	8	90,499	19,776	67,624	24,048	75,867	33,549	110,828	64,306	101,280	72.347
***************************************	8-8	21,728	47,340	22,239	54,081	30,336	67,023	26,089	60,731	34,801	86,184
Nah:										1000	100,412
Mackerel	9-	38	92	98	120	3	101	1.344	327	9.580	10.446
Sardine	8-8	1,691	13,258	2,50	34,562	19,68	33,865	21,275	34,081	32,513	49,340
Other Shellfah:	op.	10,292	16,663	6,847	7,865	11,064	12,000	1,000	14,508	3,696	66,714
Sarinp		6,888	11,830	6,223	10,263	7.769	14,686	8,968	18.066	2000	12.064
Cured	8	-	£12/3	4,786	6,736	4,200	7,133	8,860	9,323	12,682	12,426
Miscellaneous fish. Miscellaneous shellfish	8.8	8,178	18,252	10,000	30,163	13,058	44,819	23,081	73,892	11,446	FE96
Total edible products	ор.	178,011	194,966	218,152	267,360	240.866	329.810	331.069	478.87A	448.01	100
onedible fishery products:											Ser'on
Fish othe Whale and ejerm oil	8-8	3,042	39,596 645	191,843	27,846	179,285	29,946	80,633	18,107	222,012	42,340
Shells, unmanufactured 1,0	1,000 pieces	5,877	1,673	7,580	1,917	798.6	6,107	12.400	33	200	-
Other noticetible			19,617		4,396		16,985		19,876		200
Total nonedible products		******	67,166		37,369		54,880	*******	47,121	:	73,880
Grand total			969 199		BOA 2000						

Not available

Table 797. - Industrial fishery: Production, United States, 1964-78

	pri Compto		Marine	anima	scrap a	nd me	al			Marine and	mal body, viscera oil
Year	Menhade			na and	Other		Tot	al scrap a	nd meal	Menhaden	Herring
1	dried scra and mea	ap man	1 1111	meal	dried green		Ап	nount	Value	oil	oil
1964 1965 1966 1968 1968 1969 1969 1970 1970 1971 1972 1974 1975 1976 1976 1977 1978	175,96 134,95 119,13 143,15 159,49 188,55 220,99 193,58 186,78 203,85 191,44 212,55	9 12,4 4 11,4 9,4 15,6 0 6,6 6 5,0 6 4,9 9 3,3 3 4,8	881 932 860 492	Tons 21,113 25,399 25,290 25,487 26,870 26,674 29,287 43,226 43,635 43,635 43,635 40,059 39,228 50,244	39, 51, 57, 47, 59, 47, 37, 43, 50, 45, 58, 52, 47,	909 761 7717 075 790 738 558 340 213 639 420 198 744 501 607		,000 lons 235 254 224 221 235 253 269 293 286 301 290 309 282 363	1,000 dollars 27,945 35,707 32,315 26,038 30,261 39,823 44,501 48,299 119,905 84,380 65,545 96,815 97,239 121,706	2,000 gullons 20,352 22,607 18,606 13,082 19,615 19,246 24,037 31,489 21,543 25,870 28,006 27,519 24,052 14,987 36,649	1,000 gallons 1,306 1,100 1,017 732 1,230 450 702 756 653 222 (1) 206 268 57 169
	Marin	e animal l	body, live	r, and	viscera o	il—C	ontic	nued		Value of	-
Year	Tuna and mackerel	Whale and sperm oil	Liver and viscers oil	ma	ther arine imal	Amou	T	oils Value	Shell prod- ucts	Other by- prod- ucts	Grand total
1964 1965 1966 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	1,000 gullons 621 619 530 673 587 549 456 637 649 954 880 831 818 491 562	1,000 gallons 408 344 176 320 309 224 88 54	1,000 gallon (1)	3 82	900 llons 531 548 838 986 720 1,439 1,316 1,316 1,470 1,939 1,821 3,141 1,260 1,650 670	1,000 gnilor 23,22 25,2 21,10 16,70 22,44 21,90 26,50 34,22 24,3 28,90 30,77 31,60 26,30 17,11 38,00	93 67 93 61 06 91 52 15 85 07 97 98 85	1,000 dollars 13,297 14,852 12,521 6,112 7,327 9,326 18,185 20,831 13,117 25,563 49,216 32,603 31,156 28,239 60,633	1,000 dollan 6,19 5,57 5,13 4,93 4,65 4,17 3,40 4,12 4,21 4,01 4,68 5,84 6,09 6,70	dollars 22,213 26 26,696 22 23,065 33,593 31,593 31,593 31,593 35,345 51 60,587 75 58,302 55 50,694 88 55,386 55,386	1,000 dullars 69,647 82,830 73,053 61,027 70,127 89,212 99,546 106,551 155,982 202,828 196,834 162,297 184,756 190,572 252,958

¹ Included with "Other meal dried and green scrap" or other oils.

² Preliminary.

³ Beginning with 1970, data for oystershell products only.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 798.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1953-771

	Year									Public cold storage only	Private and semiprivate cold storage	Meat-packing establish- ments	Total all types															
1953 1955 1957 1959 1961 1963 1965 1967 1969 1971 1973 1975																							 		1,000 cu. ft. 486,470 496,599 545,061 569,199 595,463 633,447 683,972 734,804 762,203 774,285 828,691 875,282 883,589	1,000 cu. R. 202,491 245,850 294,174 325,313 379,355 422,250 473,515 517,468 554,611 624,442 686,477 754,772 784,943	1,000 cu. ft. 79,089 68,588 62,162 50,872 81,985 80,372 45,903 41,833 35,932 28,272	1,000 cu. R. 748,05 813,01 901,39 945,38 1,026,80 1,112,06 1,203,39 1,294,10 1,352,74 1,426,97 1,515,16 1,630,06

¹ Warehouse space is defined as all space artificially cooled to temperatures of 50°F, or less, in which food concilities are held for 30 days or longer.
² Included in "Private and semiprivate cold storage," beginning 1973.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 799. - Refrigerated warehouses: Total gross space, by States, Oct. 1, 19771

State	Gross space	State	Gross space	State	Gross space	State	Gross space
Ala Alaska Ariz Ariz Ark Calif Colo Conn Del Fla Ga Hawaii	1,000 cu. ft. 9,019 1,892 6,010 8,144 200,798 10,168 6,604 4,036 129,452 41,563 3,105	Ind	1,000 cu. ft. 13,495 27,485 38,836 6,540 5,643 18,425 15,979 47,267 63,985 33,468 3,974	Nebr Nev N.H N.J N. Mex N.Y Ohio Okia Oreg	1,000 cu. ft. 16,496 1,035 5,362 43,065 1,374 91,115 9,581 40,343 7,419 98,740 58,691	S. Dak Tenn Texas Utah Vt Va Wash W. Va Wis Other States	1,000 cu. ft. 2,43: 20,23: 56,60: 18,17: 2,23: 49,47: 256,92: 8,314: 48,56: 10,04:
Idaho	35,305 56,417	Mo	40,133 160	RI S.C	1,963 5,446	U.S	1,678,53

¹Only those States having 3 or more warehouses are listed separately.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Table 800.—Alaska crops: Acreage harvested, 1964-78

Year	Outs for grain	Acres 1,900 1,800 1,800 1,200 1,200 1,200 3,100 2,800 3,100 1,100	Grain hay	Acres 6,600 5,700 6,800 7,500 7,000 6,800 9,400 9,400	Grain silage	Acres 1,500 1,200 1,400 1,400 1,400 1,400 1,700 1,700 1,700	Acres 730 780 710 690 620 610 630 550 570	Other vege- tables 1 185 145 145 155 180 285 220 200 205 170 165 153
1964 1965 1968 1968 1968 1968 1968 1970 1971 1971 1972 1973	Acres 500 600 600 900 500 500 600 600 600 600		Acres 1,700 1,200 1,400 1,200 900 1,100 1,400 1,900 2,400 2,200 3,200		Acres 4,100 3,100 2,500 2,400 2,100 1,600 1,500 2,200 1,900 1,200 1,100			
1975 1976 1977 1977	400 300 400 600	1,500 1,300 2,600 4,000	3,600 3,300 2,100 2,300	10,800 10,400 10,200 9,900	1,000 1,000 1,000 900	1,800 1,500 1,400 1,500	530 510 520 440	16 17 16 19

¹Excludes greenhouse-grown vegetables. ²Preliminary.

Economics, Statistics, and Cooperatives Service — Crop Reporting Board.

Table 801.—Alaska crops: Volume harvested, 1964-78

Year	for grain	Barley for grain	Grain hay	Grass	Grain silage	Grass silage	Potatoes	Other vege- tables 1
964	Cwt. 12,000 13,400 10,200 14,800 15,000 4,800 7,200 7,200 4,800 8,100 8,100 5,400 3,800 6,300 6,300	Cwt. 35,600 32,300 34,600 36,300 27,400 14,400 22,300 24,900 48,400 38,200 33,600 32,200 60,500	Tons 2,800 2,200 2,100 1,900 1,100 1,500 2,600 4,000 7,100 6,100 3,500	Tons 8,200 6,600 9,200 11,200 11,200 6,700 7,900 4,600 11,500 12,200 11,800 14,300 12,500 17,100	Tans 23,800 17,700 14,300 12,800 5,700 7,400 13,500 10,700 6,400 4,500 3,900	Tons 5,400 4,000 4,000 4,900 5,600 4,500 6,200 8,600 6,400 10,400 6,700 7,700	Cwt. 140,900 131,000 111,500 138,000 114,700 71,300 106,800 110,300 99,000 102,500 90,500 108,700 91,000 115,000	Cwt. 17,900 18,500 18,200 24,900 16,300 16,100 14,000 16,300 16,300 18,600 20,000

¹ Excludes greenhouse grown vegetables. ² Preliminary.

Economics, Statistics, and Cooperatives Service—Crop Reporting Board.

Table 802.—Alaska crops: Value of production, 1964-78

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables 1
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
964	53,000	144,000	626,000	540,000	1,043,000	217,00
968	57,000	131,000	528,000	412,000	756,000	203,00
1966	42,000	140,000	655,000	329,000	619,000	218,00
967	62,000	144,000	721,000	312,000	642,000	228,00
968	68,000	117,000	545,000	276,000	654,000	297.00
969	17,000	53,000	539,000	184,000	378,000	193.00
970	29,000	88,000	705,000	245,000	705,000	255.00
971	17,000	83,000	576,000	351,000	772,000	319.00
972	21,000	101,000	1.160,000	367,000	941,000	291.00
973	58,000	363,000	1.332.000	320,000	1.179.000	282.00
974	27,000	158,000	2.054.000	500,000	1.122.000	381.00
978	44,000	287,000	2.782.000	532,000	1.304.000	390.00
976	30,000	261,000	2.325,000	391,000	1.092.000	447.00
977	51,000	479,000	2.781.000	433,000	1.323.000	460.00
978*	79,000	570,000	2,652,000	457,000	932,000	560.00

¹Excludes greenhouse-grown vegetables. ²Preliminary.

Economics, Statistics, and Cooperatives Service - Crop Reporting Board.

Abaca, imports	Apricots — Continued Page
Area:	Dried: Exports
Land in farme:	Production
Irrigated	Quantity sold
Total 417, 418	Fresh exposts
Total 417, 418 Land utilization 419, 420 Principal crops, planted and harvested 435-438	Prosen 212, 213, 252, 252 Prioss, farm 211 Production 205, 211-213, 434 Shipments 25 Utilization 212, 213 Value 212, 213
Required for specified purposes	Prices, farm
See also under specific crop. Agricultural commodity futures	Production
Agricultural commodity futures	Iltilization 250
Agricultural commodity support prices 458, 459	Value
Agricultural conservation program.	
See Conservation, Soil conservation, and	Area, yield, and production 156, 437
Agricultural loans See Leans	Area, yield, and production
Water conservation. Agricultural loans. See Loans. Agricultural production, index numbers 440-442	Shipments
Agricultural products:	Area and production
Exports:	Canned pack 198
Area used for producing	Frozen pack
Index numbers	Prices, farm
Value	Seed, imports
Index numbers	Seed, imports
Sec. 2573 Imports	Avocador
Index numbers	Imports 914
Value	Prices, farm
Agricultural Stabilization and Communical	Production
Programs	Shipments
Number of producers	Babassu oil:
Frograms 504-518	Exports and production 143
Alaska crop statistics	Baby food, exports, destination
Alcohol production from modities.	Bacon, exports
Alfalfa mod:	Balance sheet, farming sector
Alfalfa seed: Area, yield, and production	Delining.
Exports	Production 204 214
Imports	Production 205, 214, 436 Value 214, 436
Area, yasid, and production 275, 280, 435 Exports 275 Imports 275, 280, 283 Stocks 275, 280, 435 Value 275, 280, 435	Banks
Value	Federal:
Almonda:	Intermediate credit, loans and discounts
Almonas: 257 Production, price, and value 257, 436 Shelled, production in foreign countries 256 Animal proteins, disappearance 55 Animal units fed on farms 58 Animal spigame population and hunter harvest on national forests 546 Apple juice, canned pack 251 Apples: 251	outstanding and made 481, 482, 484 Land:
Production, price, and value 257, 436	Loans made
Shelled, production in foreign countries 256	Loans made
Animal proteins, disappearance	
Animals, his game population and hunter	For cooperatives, loans outstanding and
harvest on national forests	made
Apple juice, canned pack	A
	Consumption
Canned: Exports	Disaster provisions
Quantity 210	Disposition
Quantity 208 Cold-storage stocks 254 Consumption 255	Exports 44, 47
Consumption	Malt experts destination
Dried:	Prices:
Exports	Prices: Farm 43, 46
Production	Market 59 Support operations 48 Production 43-48, 435
Exports, destination 210 Exports, destination 210	Support operations 46
Exports, destination	Seeding rates are assets
Foreign production	Seed, prices paid by farmers
Poreign production 207	Seeding rates, per acre 284, 235
Frozen, quantity	Supply and disappearance
Imports 210 Imports, origin 210	Utilization in alcoholic products
PTICHE:	Value 43, 46, 435
Farm 206, 207	Beans:
Market 211 Production 205-208, 436	Describbles
Production	Area
Shipments 250 Trade, international 209	Consumption
Unloads	Consumption 197 Crop insurance 474
Utilization	Disposition 290, 292 Exports 293 293
Utilization 208 Value 207, 436	
Varieties 206 Applesauce, canners' stocks 254	Parm con con
Applesauce, canners' stocks	Market 292 Production 290-292, 435 Seeding rates, per acre 284, 285 Value 290, 292, 435 Yield 280, 291, 435
Connect	Production 290-292, 435
Exports	Value Value
Quantity	Vield 290, 292, 435

Brane - Continued	
Beans Continued Page Lima:	Butter - Continued Page
Area and production 157, 158, 437 Canned pack 198 Frosen pack 200, 201 Prices, farm 157, 158 Shipments 196 Unloads 196	Exports 143, 390, 363 Imports 389 Prices, market 146, 386 Production, world 143, 367 Stocks on hand, Dec. 31 384 Cabbage Area and production 163–165, 437 Prices, farm 163–165 Shipments 1396 Shrinkage and loss 153 Unloads 153 Unloads 153 Unloads 155 Vield and value 153
Canned nack 100	Imports
Protein pack 900 901	Production model
Prices, farm 187 189	Stocks on hand Day 21
Shipments 196	Cabbana
Shipments	Area and production see see see
	Prices, farm 160 160, 437
Snap:	Shipments
Area and production 158-160, 437	Shrinkage and loss
Canned pack	Stocks
Consumption, canned 197, 198, 203	Unicada
Prosen pack 200, 201	Unloads 196 Yield and value 163, 437 See also Vegetable seeds.
Prices, farm	See also Vegetable seeds.
Shipments	
Unioacs	Exports from principal countries
Snap: 158-160, 437 Area and production 158-160, 437 Canned pack 198 Consumption, canned 197, 198, 203 Prices, larm 158-160 Shipments 196 Unloads 196 Yield and value 158-160, 437 Beef:	Exports from principal countries
Read-	Cacao butter, See Cocoa butter.
Coldetorses holdings	Calvee:
Cold-storage holdings 347 Consumption 352 Prepared and processed under Federal	Carcames condemned 357 Heifers, number, Jan. 1 300, 302 Income from, cash and gross 307-309 Number born 306, 307 Number, Jan. 1 301 Prices, farm 333
Prepared and processed under Federal	rietters, number, Jan. 1
inspection 345 Production 344, 382 Star prices market	Number been
Production	Number Jan 1
Steer, prices, market	Prices, farm
Steer, prices, market 313 See also Beef and veal, Meets and Veal.	Prices, farm 333 Production and disposition 307 - 309 Receipts at livestock markets 310 Skins:
Boef and veal:	Receipts at livestock markets
Steer, prices, market 313 See also Beef and veal, Ments and Veal. Beef and veal: 348, 353 Exports 348, 353	Skins:
Imports	Exports
Production, specified countries	Imports
See also Beef Meets and Visal	Imports 354 Slaughter: Farm 307-309
Imports 349, 303 Imports 349, 383 Production, specified countries 346, 347 Shipments to Territories 353 See also Beef, Meets, and Veal. Bees, number of colonies 93, 94	Farm 307-309
Beeswax:	Farm 307 - 309 Total 310 Under Federal inspection 311, 337 Staughtered, live weight: 311 Costs 311 By States 312 Cantaloupe: 165, 166, 437 Area and production 165, 166, 566 Shipments 156 Unloads 156 Visid and value 165, 467
Imports 96 Prices to producers 93, 95, 96 Production 93, 94	Claushtered Une procession
Prices to producers 93 95 96	Costs Costs
Production 93 94	Ry States
	Cantalouse
Acreage and production 160, 161, 437 Canned pack 198 Prices, farm 160, 161	Area and production
Canned pack	Prices, farm
Prices, farm 160, 161	Shipments 196
Shipments	Unioads
Theid and value	Yield and value 165, 437
Bantowees and vegetable seeds.	See also Melons and Muskmelons.
Shipments 196 196 197 198 199	Uniosase 196 Yield and value 186, 437 See also Melons and Muskmelons. 1865, 437 Carcasses, whole, number condemned under Federal inspection 387
Exports	Carrots: 357
Imports 278 Prices 278, 283	Area and production 160 ten 400
Prices	Canned nack 100
300.00	Cannel pack 196 197 198 19
Value	Prices, farm
Derries:	100, 107 100, 107 100
Bushberries:	Unloads
Bushberries:	Yield and value 166, 437
Prices	See also Vegetable seeds.
Triduction 206, 214, 215, 436	Casein:
Value 914 915 490	Imports
Vield 914 918 496	Castor oil:
Frozen pack 250 252	
Bonds, rates, selected series	Exports
Brazil nuts, production in Brazil	Production
Breakfast Program 556, 558	Used in drying-oil industries 147
Production 200, 214, 215, 486 Utilization 214, 215 Value 214, 215, 436 Yield 214, 215, 436 Prosen pack 252, 253 Broads, rates, selected series 483 Brazil nuts, production in Brazil 256 Breakfast Program 556, 556 Breccoli:	Imports 145 Production 143 Used in drying-oil industries 147 Cattle:
Area and production 161, 162, 437 Frosen pack 200, 201 Prices, farm 161, 162	
Frozen pack 200, 201	Darrosenses condemned 357 Dairy-herd improvement associations 361 Hides:
Prices, farm 161, 162	Dairy-herd improvement associations 361
Shipments	Hides: Exports
Shipments 196 Yield and value 161, 437 See also Vorestable meds.	Exports
m 11	Importa 354
Brussels execute:	Price per pound, Chicago
Area and production 169 497	Imports 354 Price per pound, Chicago 353 Income from, cash and gross 307 - 309 Number:
Frosen pack	In specified countries 904
Prices, farm	In specified countries 304 Jan. 1 300-303, 426 On feed, by States 306
Yield and value 162, 437	On feed, by States
See also Vegetable seeds.	Prices:
Brousers, production, price, and income 402, 403 Brussels aprouts: Area and production 162, 437 Frosen pack 200, 201 Prices, farm 162 Yield and value 162, 437 See also Vegetable seeds. Buffalo 304 Buffalo 304 Buildings, farm, value of 422	Prices: S07
Buildings, farm, value of	Market 307
Finile:	Production and disposition 307-309
Number, Jan. 1	Receipts at public stockyards
Staughter under Federal inspection	Market 307
Consumption	Number 307-309
Creamery: 148, 380	Under Padarel inspection 210, 312
Cold-storage holdings	Slaughtered live weight
Prices, wholesale	Costs
Consumption 148, 385	Farm 307 – 309 Number 310, 312 Under Federal inspection 310, 312 Slaughtered, live weight 312 Coxts 311 By States 312 Tuberculin testing 381
Disappearance	Tuberculin testing
	•

Value:	Page	Citrus fruits — Continued	Pag
Jan. 1 900 901	1 496	Trade, international	225-22
Of production 307 - 306 Cauliflower:	430	Value	29
Cauliflower:		City folian	219, 43
Area and production 168 160	497	Citrus fuices:	
Cauliflower: 168, 188 Area and production 168, 188 Frosen pack 200 Prices, farm 166 Shipments Unloads Vield and value 169 See also Vegetable seeds. 169	901	Canned pack Concentrated, pack	222, 25
Prices, farm	160	Concentrated, pack	282, 25
Shipments	196	Constant Constant	252, 25
Unloads	196	Oce also Grapetruit, Lemons, Limes,	
Yield and value	437	Concentrated, pack Prosen pack See also Grapefruit, Lemons, Limes, Oranges, and Tangerines. Clover seed:	
See also Vegetable seeds.	,		
		Area and yield	276, 280, 28
Area and production	1. 437	Imports	271
Prices, fairm 160	170	Drives	270, 27
Shipments	. 196	Production our one one	280, 281, 28
Unloads	. 195	Stocks	201, 430, 431
Yield and value 169	437	Value 978 976 960	201 435 43
Shipments Unloads Yield and value See also Vegetable seeds. Cheese:		Exports 276, 276, 276, 276, 276, 276, 276, 280, Stocks 275, 276, 280, Stocks 275, 276, 280, See also under specific kinds.	201, 900, 900
Cheese:		Cocoa butter:	
American, factory production	. 379	Exports	14
Consumption	. 383	Imports Coconut oil: Exports	14
Disappearance	. 385	Coconut oil:	
Proorts	. 385	Ermoets	143 144
Poreign production	, 393	Imports	14
Chesse: American, factory production Cold-storage holdings Consumption Disappearance Exports Foreign production Imports Prices, market	300	Imports Prices, market Production Used in soon	145
Prices, market	996	Production	143
Imports Prices, market Production Stocks on hand, Dec. 31 379	398	Used in soap	180
Stocks on hand, Dec. 31	384	Coffee:	
		Area Exports from principal producing countrie Imports, origin Production Value Yield	262, 436
Brined	. 218	Exports from principal producing countrie	260
Canned		Imports, origin	265
Exports Farm disposition Foreign production Frosen 218, 252 Imports Prices, farm Production 205, 216–218 Shipments Utilization Value 216	217	Value	261, 436
Farm disposition	. 218	ValueYield	436
Foreign production	217	Coir:	261, 436
Frosen 218, 252	253	Con.	
Imports	. 217	Imports	76
Prices, farm	. 216	Apples	
Production 205, 216-218,	, 436	Cold-storage stocks: Apples Dairy products	254
Shipments	. 250	Propen festite	363
Value	. 218	Frozen fruits . Frozen orange juice	254
Value	436		347
Beeffer and beeffer at the state of the stat	400	Poultry products Vegetables Commodities, agricultural:	406
Cash income	400	Poultry products Vegetables	406
Commercial storage stocks	400	Commodities, agricultural:	
Acceptance Acc	402	Putures Owned by Commodity Credit Corporation, Dec. 31 Purchases by Commodity Credit	574-579
Disposition	-400	Owned by Commodity Credit	
Exporta	402	Corporation, Dec. 31	506
Gross income	-400	Purchases by Commodity Credit	
Number in specified countries	. 397	Corporation, costs Under Commodity Credit Corporation	511, 512
Number in specified countries Number, Dec. 1 Participation in National Poultry Improvement Plan	-395	onder Commodity Credit Corporation	
ment Plan		price-support loan, Dec. 31 See also Agricultural products. Commodity Credit Corporation: Cost value of export and commodity dispositions	807
Prices live weight	402	Commodity Credit Corneration:	
Production 300	400	Cost value of export and commodity disno-	
Sold, number	400	sition Inventory transactions Loan programs Price support: 481, 4	512 514
Supply and distribution	402	Inventory transactions	511 519
Tested for pullorum disease	407	Loan programs	82 504-514
Value:	-	Price support:	
Dec. 1	396	Commodities owned	506
Value: 386. 1 393. Of production 386-400, See also Chicks and Poultry. 386-400, Chicks:	439	Price support: Commodities owned Commodities under loan Granted	507 504 510
See also Chicks and Poultry.		Granted	504
Chicks:		Granted uncer loan Granted Operations, investments in See also individual commodities. Concentrates fed to milk cover	510
Baby, prices 403,	404	See also individual commodities.	
Baby, prices 403, Hatched by commercial hatcheries 403, Value Anid Feeding Programs	404	Concentrates fed to milk cows:	
Thild Parking December	403	Value	360
Sparettee	558	Consequentles amiguitared	380
Consumption	100	Agricultural Conservation Decree	521-533
Exports Manufactured Total output	108	Conservation and pollution shatement	021-026
Manufactured	100	practices	500 FOR
Total output	108	Participation and assistance	590 591
Ngare:		Great Plains Program	532 533
Consumption	108	Plans	531
Toan: Consumption Exports Manufactured Total output	108	Soil Conservation Program	. 527-534
Total autout	107	See also Soil conservation.	
Total output	108	Concentrates fed to milk cows: Quantity Value Conservation, agricultural Agricultural Conservation Program Conservation and pollution abatement practices Participation and assistance Great Plains Program Plans Soil Conservation Program See also Soil conservation. Consumers' price index, by groups and by years	
ALTER ITALIE		years	559
Area	204	years Consumer prices, index numbers Consumption per capita: Apples Barley Beans:	417
Crop insurance	474	Apples	
Exports	997	Barlou	255
Foreign production	221	Beans:	49
Imports 994	227	Dry adible	44-
Prices, farm 219	220	Dry edible	197
Processed, quantity	219	Beef	199 382 148
Production	436	Butter	149
Area Consumption Crop insurance Exports 223- Foreign production 219 Imports 224- Prices, farm 219, Production 205, 219, Shipments 205, 219,	250	Beef ButterCheese	395

Consumer per capita—Continued Page Chewing tobacco	Corn Continued Page
Chewing tobacco	Loan program, Commodity Credit
Chickens	Corporation
Cigarettes 106 Cigare 108	mesti
Cigarettes 106 Cigare 108	Consumption 49 Exports, destination 37 Oil:
Citrus fruits	Exports, destination
Citrus fruits	Oil:
Corn:	Exports
Canned	Prices, market
Coreal	Used in margarine and shortening 140, 141
Sirup	Payments to producers
Sugar	Proces:
Comptant	Market
Cream 384 Dairy products 553, 554 Egp 553, 554 Pat products 146	Oil: 143 Exports 143 Prices, market 149 Used in margarine and shortening 140, 141 Payments to producers 517, 518 Prices: 58 Farm 30, 34 Market 59 Support operations 37 Production 30–36, 435
Cream	Production 30-36 495
Eep 553, 554	Products, consumption
Eggs	Seed, prices paid by farmers
Pats	Support operations 37
Pate 148 Pish 553, 554 Plour 553, 654	Sirup:
Flour	Consumption
Flour	Consumption 49 Production, exports, and consumption 97 Stocks on and off farms 31
Fruit juices, canned	Sugar consumption per capita
Canned	Sugar consumption per capita
Dried	
Dried	Area, production, and farm price 170, 171
	Canned:
Frosen	Area, production, and farm price 170, 171 Canned: Consumption
Grain products	Pack 198
Grains 49	Shipments
Total 255, 553, 554 Tota	199 Pack 198 Pronen pack 200, 201 Shipments 196 Yield and value 170 See also Vegetable seeds. 170
Lard	See also Vegetable seeds.
Margarine 149	Utilization:
Mests	Area, by States
Melons	By uses 31
Milk:	In alcoholic products
Margarine 146, 333, 302 Margarine 146 Mesta 352, 553, 554 Milk: 197, 553, 554 Milk: 388 Dry whole 388	Value 30, 34, 435
Dry whole	Street
Evaporated 385 Fluid 384	Corneteron communica civilian nes cosite
Fluid	
Nonfat dry milk 386 Mutton 380	
Nutrients	American Pima, carryover and ginnings, by
Nutrients 551 Ost products 48 Oil products 148, 553, 564 Clis 148, 553, 564 Paper 546 Paperboard 546 Peanuts 124 Peas, canned 196 Pork 362	grade and staple length
Oil products	Carryover
Oils	Consumption
Paper	Diseases provisions 816 - 819
Paperboard	Crop insurance
Peanuts	Exports
Peak Canned	Exports, index numbers 561
Pork	Foreign:
Poultry	Carryover 65 Mill consumption 65 Production 64
Rice	Mill consumption 65
Rye flour 46 Shortening 144	Production
Shortening	Stocks 24 78
Smoking tobacco	Forward contracted nementages 69
Snuff 100	Ginning costs per hale
Sugar	Ginnings
Smoking tobacco 108	Mill consumption 65
Tomatoes:	imports
Tomatoes: Canned	B
Fresh	Exports
Turkeys	Prices
Veal	Production
Vegetables: 199, 203, 553, 555 Canned 199, 203, 553, 555 Fresh 197, 203, 553, 555 Frozen 203, 553, 555 Total 553, 555 Wheat: 363, 555	Exports
Fresh 197 203 553 554	Loan program, Commodity Credit
Frozen	300
Total	Mill consumption 65
Wheat:	Payments to producers
Cereal	Micronaire readings 71 Mill consumption 65 Payments to producers 515-518 Prices:
Flour	Farm
Conversion factors, weights, and measures V-13	Market 71, 72
Wheat: Cereal: 46 Flour Conversion factors, weights, and measures V-IR Cooperative organizations, farmers' 491-481 Copra, imports 14	Support operations
Corn:	Gooding spice non news
Area	Support operations 61 - 64 435 Production 61 - 64 435 Seeding rates, per acre 284, 285 Supply 65 - 67, 74, 75 Trade, international 69 Upland: 69
Cereal, consumption	Trade, international
Consumption, total 45	Upland:
Crop insurance	Carryover, ginnings, supply and
Disaster provisions	Carryover, ginnings, supply and disappearance: By grade 66
Deposition	By grade 66
Exports 91 91	Grade index and stools broath
Area 30, 32, 33, 35, 36, 43 Cereal, consumption 48 Consumption, total 46 Crop insurance 47, 51 Disaster provisions 517, 51 Disposition 30, 34 Domestic shipments 19 Exports 31, 37 Imports 3	Value
	By grade 66

World:	Carrants: Page Exports, destination 23 Foreign production, dried 25 Foreign production, dried 25 Foreign pack 252, 26 Dairy statistics: 360 Brusellosis work 36 Dairy products: 360 Cold storage holdings 384, 38 Exports 380, 591, 39 Imports 380, 591, 39
Area and maduation	Foreign production delad
Stocks 74, 75	Prosen pack
Supply and distribution	Dairy statistics:
Yield per acre	Brucellosis work
Cottonseed: Cake:	Dairy products:
Cake:	Cold storage holdings
Exports 116 Production 115 Crushings 116 Disposition 114 Exports 114 Exports 114 Exposition 115 E	Exports 200 001 001
Crushings	Imports
Disposition	Imports, index numbers
Exports	Income from, cash and gross
Exports 144 Exports, destination 116 Hulls, output 115	250, 391, 392 250, 391, 392 250, 391, 392 250
Hulls, output	Prices:
Meal:	Manufacturers' 38 Support operations 36 Production 379 - 38
Prices	Production 970 50
Exports	Sales 370-37
Oil:	Stocks, manufacturers'
Oil: Exports 116, 143, 144 Prices 118, 149 Production 115, 143 Used in margarine 140 Used in shortening 141 Prices, farm 114 Production 114, 435 Products: 114, 435	Manufactured 379-58. Prices: 38 Manufacturers' 38 Support operations 379-38. Sales 370-37. Socks, manufacturers' 38 Stocks on hand, Dec. 31 38 Herd-timprovement associations 36 Dates: Dried, production 251, 43
Prices	Dates:
Production	Dates: Dried, production 251, 431 Imports 227
Used in margarine	Imports
Prices form	Production, tarm price, and value 206, 227, 436
Production 114 498	Discounter 14
	Farm Credit Administration
Prices and production	Degras, prices Discounts: 146 Discounts: Farm Credit Administration 481, 482, 484 Federal intermediate credit banks 481, 482, 484 Economic trends 416, 417 Eggplant: 416, 417
Quality	Economic trends
Value	Egglant:
Cowhides: 114, 435	Area and production
Exports 284 288	Shipments 176, 176
Prices and production 115	Yield and value
Prices	See also Vegetable seeds.
Cows:	Cold storem stocks
Number, Jan. 1	Consumption 410
Prices, market 307 Slaughter under Federal inspection 311	Disposition and income
COWS, IMILE:	Exports 416
Number:	Foreign production
Average during year	Income from
Average during year	Lay, rate
367 3an. 1 300, 302	See also Vegetable seeds Eggr
That have calved	Numbers used for hatching
Prices, farm	Farm 412, 413
Prices, farm	Production 414
Rations	Products under Federal inspection 415
Cranberries:	Sales
Area, value, and yield	Value
Area, value, and yield	Average bilament house used and asset by
Cream:	
Consumption	
Prices, farm 370, 371, 378	receiving 497
Sales from farms	Emergency conservation measures
Cream: 384 Prices, farm 370, 371, 378 Sales from farms 363 Stocks on hand, Dec. 31 384 Credit banks, Federal intermediate. 384 Credit concept seed: Credit concept seed:	Number of persons employed
See Banks, Federal intermediate	Total
Crimson clover seed:	See also Labor, farm and Workers, farm.
See Banks, Federal intermediate credit. Crimson clover seed: 276, 281, 436 Area, yield, and production 276, 281, 436 Imports and stocks 276, 281 Prices 276, 281, 436 Value 276, 281, 436 Prop insurance programs 474, 475 Prop loan programs, Commodity Credit Corporation Corporation 504-514 Propiand, area 419, 420 Props: 419, 420	Electric service, central-station, farms receiving 497 Emergency conservation measures 521 Employment, farm: 521 Employment, farm: Number of persons employed 430, 431 Total 5ee also Labor, farm and Workers, farm. Exacrole-endive: 5ee Farm equipment. Area, production, and farm points
Imports and stocks	Area, production, and farm price 174, 175, 437
Volume	Shipments 176, 170, 437
Crop insurance programs 276, 281, 436	Area, production, and farm price 174, 178, 437 Shipments 196 Yield and value 196 Expenditures, forestry: 175, 437 Cooperative forest management 540 Forest fire protection 540 Expenses, farm production Exports: 464 Exports: 4gricultural products, exports.
Crop loan programs. Commodity Condit	Expenditures, forestry:
Corporation 504-514	Cooperative forest management
Cropland, area	Expenses, farm production
Crope:	Exports:
Alaska	Agricultural products. See Agricultural
Harvested area recovered	Volume index numbers
Value of production 495 497	See also under enecific commodition
Area 435-438 Alaska 587 Harvested, area required 438 Value of production 435-437 Tops, principal: 435-437	Exports: Agricultural products. See Agricultural products, exports. Volume, index numbers: See also under specific commodities. Family, farm: Income:
	Income 463
See also specific crops.	Income
See also specific crops. 435-437 Area harvested 438-437 Area planted 438 Value of production 435-437 Naturabors 435-437	Workers
Value of production	Cash receipts
Sucumbers:	Conservation plans, soil conservation
Area and production 172, 173, 437 Prices, farm 172, 173 Shipments 196	Proplement 531
Prices, farm	Equipment: 430-432
Unicode	Value, shipped
Shipments 196 Unloads 195 Yield and value 173, 439 See also Vegetable seeds. 173, 439	See also Machinery, farm.
See also Vegetable seeds.	Family. See Family, farm.
	Forestry accomplishments

Income See Income	go room Page
Income. See Income. Labor. See Labor, farm.	Exports, index numbers Fag.
	Imports, index numbers
Area 417, 4	18 Feedstuffs:
Area 417, 417, Utilization 419, 419,	20 Commercial, disappearance
Mortgage Cas Martiness form	22 Prices, market
Value Mortgage. See Mortgages, farm. Operators tenure of	Pertilizer:
See also Farmers. Output, index numbers	Consumption 484
Output, index numbers	40 Materials, sales and value
Population. See Population, farm.	Plant-nutrient content 466-46
Production:	Peacus seed:
Index numbers	Plant-nutrient content 466-468
	42 Imports
Income: 480 - 482, Gross 480, Nonmoney 480,	Stocks
Cash 480-462, 4	66 Value 277 989 498 498
Gress	66 Pibers:
Prices, farm	60 Imports
Prices, farm	60 Imports
Property: Maintenance costs Taxos	Field seeds. See Seeds, field.
Tages	64 Pige 64 Dried:
Value	22 Imports and exports
Real estate. See Real estate, farm.	Production
Transfers 423, 4	24 Farm price
Form Credit Administration 433, 4	34 Production
Maintenance costs Taxes Value Real estate. See Real estate, farm. Transfers Wage rates 433, Farm Credit Administration: Loans 461, 482, 484	64 Dried: 22 Imports and exports 22: 23 Production 229, 261, 25: 24 Production 220, 222, 234 254 Production 205, 222, 430 26 Filberts: 229, 430
Loans	Imports or
Made	Imports
Outstanding	54 Production in foreign countries
Farmers:	Pires, forest:
Cooperative associations:	Fires, forest: Number and area 93 Protection expenditures 54
Marketing and numbering consecutions	Protection expenditures 54
membership and business 401 -4	Pish: Consumption per capita
Share of retail cost for food products	46 Oil:
See also Farm, operators.	Exports
Cooperative associations: Type, number, and membership	Exports 14 Production 14 Production 14 Production 14 Production 14 Packaged, fresh and frozen, production 15 Packaged, fresh and frozen, production 15 Pasheries, catch and disposition 58 Piabery production, industrial 58 Piabery production, industrial 58 Pashery production and value 58 Exports 58 Prosen, production 98 Prosen, production 98 Prosen, production 98 Prosen,
loans 476, 478, 481 - 483, 487 - 4	90 Used in drying-oil industries
loans	89 Packaged, fresh and frozen, production
	by species
Farms: Electrified Number 417-	Pichery production industrial 50
Electrified	99 Fishery products:
Number 417-4	19 Canned, production and value
Number entral-station electric service 417 Receiving central-station electric service Telephones, number of farms with service 502, 5 Telephone costs Tenure of onerster	97 Exports 58
Telephones, number of farms with service 502, 5	O3 Prosen, production
Tenure of operator	01 Imports
Value, per acre, index numbers	93 Playmost
Tenure of operator Value, per acre, index numbers 422, Pat products, consumption	48 Area
	Crop insurance
Consumption 1 Disappearance 141, 1 Exports 141-1	48 Crushed for lineeed oil
Duappearance	42 Disposition
Imports 141 1	64 Exports
Prepared and processed under Federal	Imports, destination
Imports	Page Page Page Page
Prices:	Farm 117, 19
Inspection 3 Prices: 1 1 1 1 1 1 1 1 1	Farm
Stocks Jan 1	Support operations
Supply and disposition 141 1	42 Production
Use, food and nonfood 140-142, 147, 1	48 Seeding rates per acre 984 981
Used in —	Stocks
Drying-oil industries	47 Supply and disappearance
Margarine Shortening Soap World production See also Oils, Shortening, and under specific kinds.	40 Value 117, 430
Soon	41 Yield per acre
World production	43 Plant presention executions:
See also Oils, Shortening, and under specific kinds.	Forest Service 89
Feed:	Soil Conservation Service
Peed: Bought, cost to farm operators	Market 12
Disease annufations	Flowers:
Disaster provisions 516-5 Exports, specified Government programs Prices High-protein feed index Quantity consumed by livestock and	18 Quantity sold
Prices	50 Food: 265-26
High-protein feed index	56 Consumption, indexes 880
Quantity consumed by livestock and	Consumption, pounds
Quantity consumed by livestock and poultry	06 Consumption, indexes 555 Consumption, pounds 555 58 Nutrients, contributed by food groups 557 Plans, cost levels 550 56 Stamp Program 567, 558 56 Prions, farm-to-retail spread 445, 444 56 Products, marketing spreads 446, 444 57 Products, marketing spreads 456, 548 58 Pool and Nutrition Service Programs 556, 538
Feed concentrates:	Plans, cost levels
Quantity fed per enimal unit	Stamp Program
Total fed	56 Products marketing energy
Food Grain Program, payments to producers \$155	18 Food and Nutrition Service Programs 556 556

Contributions to States 588 Persons participating 587 Quantity and costs 586, 587 Food grain prices, market 586 Foreign trades, also under specific crops. Foreign trades and nonfarm 540 Land, forth and nonfarm 419, 420 Land, total and commercial 585 Products, value 541 Free distribution 541 Free distribution 540 Foreign trades 542 Free distribution 540 Foreign trades 544 Freign trades 544 Free distribution 544 Free di	Grapefruit — Continued Juice, canned — Continued Pack Juice, Concentrated, pack Prioss, farm	Page
Persons participating	Pack	-
Quantity and costs	Juice, Concentrated, pack	225
Foreign trade See Amigultural anadysts 29	Juice, Concentrated, pack Priose, farm Processed, quantity Production 205, 219, 220, Shipments Trade, international Unloads Value 219,	215
foreign trade: also under anacide conse	Processed, quantity	215
Forestry statistics	Production	436
Firee, number, and area	Trade international	250
Fires, protection expenditures	Unloads	240
Land, farm and nonfarm 419, 420	Unionds Value See also Citrus fruits. Grapes:	430
Products, value	See also Citrus fruits.	-
Tree distribution	Grapes: Dried, production (raisins)	
Forests. See National forests.	Process production (raisina)	252
Preight-rate indexes	Parm disposition	232
Fruit:	Process	231
Juices, canned: Consumption	Imports	203
Pack	Prices, farm	230
Stocks 202, 201	Production	436
Stocks 222, 201 Stocks 254 See also under specific kinds. Nectars, canned pack 251 Profits	Shipments	250
Nectars, canned pack	Utilization	249
Fruits:	Parm disposition Prosen Imports Prosen Imports Prices, farm Production 208, 230, 231, Shipments Unloads Utilization Value Grazing on national forests, number of stock and receipts Grest Plains Conservation Program: Contracts, area, and obligations Practices Greens, shipments Hams:	231
Area, bearing 204, 436	Grazing on national forests, number of stock	430
Canned: Consumption	and receipts	544
Stocks 255	Great Plains Conservation Program:	
Stocks 2200 Stocks 2201 2202 2203 2204 2205 220	Contracts, area, and obligations	533
Cold-storage stocks 254	Creams abinoments	532
Consumption	Hams:	196
Oracionation	Exports Imports Hardwood, production See also under apacific commodities. Hay:	240
Consumption 255 Foreign production 252	Imports	340
Production 252	Hardwood, production	541
Production	See also under specific commodities.	
Frozen:	Hay:	
Cold-storage stocks	Disposition 268-271, 273,	435
Consumption	Prices, farm	272
Exports, index numbers 561	See also under specific commodities	495
Orders marketing	Stocks on farms	288
Production	Supply and disappearance, total and per	
Shipments 200, 436	animal unit	271
Unloads 240	Value 268, 272,	435
See also under specific kinds.	Holfare:	435
Fungicides:	Number, Jan. 1	-
Prices, wholesale	Number that have calved are	2002
Purtures commodity	Slaughter under Federal inspection	311
Game killed in national forests	Heifers, milk cow replacements	302
Garlic:	Hemp, imports	77
Area, production, and farm price	Henry Imports	77
Yield and value	Hides and skine	394
Garlie: Area, production, and farm price	Exports	
Consesses condemned	Imports	304
Carcasses condemned 357 Numbers clipped and average clip 343 Slaughtered under Federal inspection 357 Government naverage transports.	Imports, index numbers	562
Slaughtered under Federal inspection	Mink pelts produced	356
Government payments:	Prices at Chicago	353
Per farm 464	Home	321
Government payments: Per farm	Carcagos condemned	
Consumption	Figs: Carcasses condemned Income from, cash and gross 318, Marketings 318, Number:	110
Exports destination 49	Marketings	119
100at 100 10	Number:	-
Grains:	Dec. 1	126
Consumption civilian	In specified countries	115
Exports:	Packer and shipper numbers weight and	116
Destination 13, 24, 37, 40, 47, 54	cost	200
Exports Destination 13, 24, 37, 40, 47, 54 Index numbers	Dec. 1 For breeding and market 313, 314, 4 For breeding and market In specified countries Packer and shipper purchases, weight and cost Prices, farm 318, 2 Production and disposition 318, 3 Receipts.	134
Area	Production and disposition	119
Prices, market	Receipts: 318, 3 At interior markets 5 At public etockyards 5 Shipments 5 Shughter: 318, 3	
Food, area	At interior markets	118
Imports, index numbers	Shipments	118
Supply and disappearance, total	Slaughter:	119
See also under energia l'ad	Farm	10
Grape juice, cannel nack	Under Federal inspection	57
Feed: Area	Parm 318, 3 Under Federal inspection 320, 321, 3 Slaughtered live weight 320, 321, 3 Value, Dec. 313, 4 Value of production 313, 4 See also Pig crop and Sows. 4 Honey:	20
Canned:	Value of production 313, 4	26
Exports	See also Pig group and Con-	39
Pack 223 Pack 225 Exports 223, 224, 226 Foreign production 221, 221 Imports 224, 226 Juice, cannel: 224, 226	Honey:	
Exports	Consumption	99
Imports	Exports	97
Juice, canned: 224, 226	Exports	97
Blended orange and grapefruit, pack	Prices:	
Exports	Market	96
220	10 producers	96

Honey—Continued Page	Index numbers Continued	Page
Production 93, 94, 97 Yield per colony of beas 93, 94	Grains—Continued Imports Hides, imports Income, of industrial workers Industrial production Livestock: And poultry, Jan. 1, index numbers Production 44 Oth: 44 Oth:	
Hops: Area, yield, and production	Imports	. 562
Area visid and production 906 907 498	Pisoes, imports	. 562
Exports 998	Income, of industrial workers	. 444
Imports 228 Prices, farm 297 Stocks on hand 297 Value 297, 435	Limeteck	. 444
Prices, farm	And neulter Ion 1 index suphers	-
Stocks on hand	And poultry, Jan. 1, index numbers	. 357
Value	Production	0, 442
Horses:	Oils:	0, 442
Carcasses condemned	Francis	E.01
Horses: Carcasses condemned 387 Slaughtered under Federel inspection 367 Horses and mules, feed consumed 57 Ice cream:	Cais: Exports Imports Prices Otheeds, exports and imports Parity ratio	. 561
Horses and mules, feed consumed 57	Prices	180
Ice cream:	Oilsands errorts and imports 84	1 569
Consumption	Parity ratio	489
Consumption 385 Disappearance 385 Production 380	Prices:	. 400
Production	Consumers'	7. 559
Imports:	Paid by farmers	3. 454
Imports: Agricultural products. See Agricultural	Producer	7. 451
products, imports. Volume, index numbers	Received by farmers 416, 45	1, 452
See also under macific commodities	Skins, imports	. 562
Income:	Sugar, imports	. 562
Cash from -	Prices: Consumers' 41 Paid by farmers 416, 48 Producer 41 Received by farmers 416, 48 Skins, imports Sugar, imports Taxes, per acre 47 Tobacco: 47	3, 474
Beef	Tobacco:	
Calves	Exports	. 561
Cattle	Amports	. 562
Chickens	Imports Wool, imports Industrial production, index numbers	. 562
Dairy products 370-372, 461	Innerticidae:	17, 444
412, 413, 461	Prices wholesale	490
Cash from- Sort Sort Sort Sort	Industrial production, index numbers 41 Insecticides: Prices, wholesale Production and foreign trade Insurance, crop 47 Interest rates 48 International Wheat Agreement Irrigation Iste, imports, for consumption Jute, imports Kale:	400
Lamba 990 990 461	Insurance crop 47	3 475
Levil 916 916	Interest rates 48	0-483
Mohair 349	International Wheat Agreement	14
Sheep	Irrigation	421
Veal	Istle, imports, for consumption	76, 77
Wool	Jute, imports	76, 77
Disposable personal 417, 463	Kale:	
Farm family	Kale: Frozen pack See also Vegetable seeds. Sapok, imports, for consumption Kentucky bluegrass seed, merion: Area, yield, and production 23	00, 201
Government payments:	See also Vegetable seeds.	
Per farm 466	Kapok, imports, for consumption	76, 77
Total	Kentucky bluegrase seed, merica:	
Desiles 400 400	Area, yield, and production 2	52, 435
Calman 907 900	Value	. 282
Cattle 907 300	Variue	12, 435
Chickens 398 400	Production 9000, other than merion:	10 495
Dairy products	Kid sking armosts and imposts	954
Eggs	Labor form hours used	ARR
Farming 416, 460	See also Employment, form and Workers	. 400
Hogs 318, 319	farm.	
Lambs	Ladino clover seed: Area, yield, and production	
Sheep 329, 330	Area, yield, and production 275, 20	81, 435
Turkeys 408, 409	Exports	. 275
Gross, per farm464	Imports	. 275
Net form	Prices	75, 281
Nonform population 463	Stocks	. 275
Nonmoney	Prices 2 Stocks Value 276, 2	51, 435
Of industrial workers, index numbers	Lamb:	
Total 460, 462 Gross from	Crop	16, 329
Index numbers:	Skins, exports and imports	94, 300
Agricultural: 417 Exports 417, 562 Imports 417, 562 Production 440 - 442 Cotton, exports 561 Cropland, used for crops 441 Crop production 440 - 442 Dairy producta, imports 562 Farm: 562		
Exports	Coldetorage holdings	247
Imports	Lamb and mutton: Cold-storage holdings Consumption Exports Imports Production:	359
Production	Exports	348
Contion, exports	Imports	. 349
Crop meduation 440 449	Production:	
Dairy products imports 569	Production: Specified countries	46, 347
Farm:	United States	44, 352
Employment	Shipments to Territories	. 353
Food consumption	Lambe:	
Parm: Employment	Cash receipts	29, 330
Labor, production per hour	Marketings	330
Output 441		
Production	Prices: Farm	90 994
Real estate taxes	Farm 3	994
Wass rates	Market Shipmenta	90 335
Pate prices	Slaughter:	as, ode
Peads:	Slaughter: Farm Under Federal inspection See also Livestock and Sheep and lambs.	30, 399
Exports	Under Federal inspection	330
Importa	See also Livestock and Sheen and lambs	. 000
Feeds: 561 Exports 561 Imports 562 Preight rates 444 Fruit exports 561	Land utilization:	
Fruit exports	Land utilization: Cropland, forest land, and pasture	19, 420
Grains:	For census years, United States	. 419
Exports	In Alaska	. 587

Special uses	Lons and debt outstanding — Continued	Page
Lard:	Loans and debt outstanding — Continued Emergency 481, 482 Farm real estate, of all operating banks — Farm Credit System — 481, 482 Farmers' cooperative organisations — 782 Farmers Home Administration 481, 482, 483, 487 Federal interacediate credit banks 481, 482 Federal land banks 476, 478, 484 Insurance companies 476 Federal interactions 477 F	487
Lard: Consumption 142, 148, 323, 352 Exports 143, 144, 323 Income from, cash and gross 318, 319 Prepared and processed under Federal inspection 345 Prices 149 Production 143, 323, 344, 352 Shipments 323 Stocks 323 Supply 323 Supply 323	Farm Credit System	484
Exports 143, 144, 323	Parmers' cooperative organizations	480
income from, cash and gross 318, 319	Farmers Home Administration 478,	478,
Prepared and processed under Federal	481, 482, 483, 487	-489
Prices 149	Federal land banks 481, 482	484
Production	Insurance companies 476, 476, 476, 476, 476	470
Shipments	Interest:	410
Stocks 323	Charges payable on debt outstanding	480
	Rates 480	483
Food products	Non-real estate 481	-483
Margarine	Administration	400
Margarine 140 Shortening 141 Legumes, area 435	Production credit especiations 481 484	490
Legumes, area	Rural Electrification Administration	-
Lemons:	481, 482, 494-496, 499-	-501
Imports	Rural Housing, Farmers Home	
Prices, farm 219	To apportations	490
Processed, quantity	Interest: Charges payable on debt outstanding Rates 480. Non-real estate 481. Operating loans, Farmers Home 481. Administration 481. Rural Electrification Administration 481-484. Rural Electrification Administration 481-484. Rural Housing, Farmers Home Administration 10 associations 488. To cooperatives 481, 482. See also under specific type of commodity. Lumber, production Macadamia nuts: Prices	400
Production 205, 219, 220, 436	See also under specific type of commodity.	
Production, foreign	Lumber, production	541
Trade international and one	Macadamia nuts:	
Unloads	Production and unless	258
Lemons: 224 Exports 224 Imports 224 Prices, farm 219 Production 205, 219, 220, 436 Production, foreign 221 Shipments 280 Trade, international 226, 227 Unloads 249 Value 219, 436 See also Citrus fruits. 219, 436	Prices Production and value	436
See also Citrus fruits.	Number In 1	
Compared to the Compared to	Value of shipments See also Farm, equipment. Manila fiber, imports Maple products Sirup. See Sirup, maple. Sugar. See Sugar, maple. Marvarine	428
Area, yield, and production	Value of shipments	429
Stocks 276, 281, 280	Manile Ches imperent.	
Value	Manla products	5, 77
	Sirup. See Sirup. maple.	
Area, production, and farm price 176, 177	Sugar. See Sugar, maple.	
Unleads	Margarine:	
Area, production, and farm price 176, 177 Shipments 196 Unloads 198 Yield and value 196 See also Vegetable seeds.	Margarine: Consumption Disappearance, domestic Exports Manufacture, materials used Prepared and processed under Federal inspection Prices, wholesale Production and supply Markstine:	148
See also Vegetable meds.	Exports 100	139
	Manufacture, materials used	140
Bought, cost to farm operators	Prepared and processed under Federal	140
Sales and value	inspection	345
Imports en	Prices, wholesale	149
Limes: 224 Imports 224 Prices, farm 219, 220 Processed, quantity 219 Production 205, 219, 220, 436 Shipments 250 Value 219, 436 Linaced: Linaced:	Marketing	139
Processed, quantity	Agreements and orders:	
Production 205, 219, 220, 436	Fruits, vegetables, and tree nuts	519
Shipments	Milk 373-	-377
San also Citrum familia	Associations, membership and business 491-	493
Linseed:	Costs	447
Cake and meal expects imports and	Production and supply Marksting: Agreements and orders: Fruits, vegetables, and tree nuts Milk Associations, membership and business Hill for farm food products Costs Spreads Markstings, farm, cash receipts Markstings, farm, cash receipts Massures:	446
production 121 Exports, destination 121, 122 Meal, prices 120 Ott.	Marketings, farm, cash receipts 460-462	464
Exports, destination	Meals. See under specific kinds.	
Oil:	Measures:	
Exports 101 100 140 144	Equivalent weights	VII
Imports 121, 145	Meat:	IV
Prices, market	Cold-storage holdings	247
Production	Meat: Cold-storage holdings Food products, prepared and processed under Federal inspection Trade, international See also under specific kinds Meats:	-
Used in during all industries	under Federal inspection	345
See also Flaxseed.	See also under specific binds	351
Linters. See Cotton, linters.	See also under specific kinds Meats Consumption Exports Superis Prepared and processed under Faderal inspection Production: Specified countries	
	Consumption	352
Livestock: 464 Grassed on national forests, and receipts 543, 544 Jan. 1, index numbers 357 Number on farms 435 Prices 333, 334 Production 459 Production, index numbers 440, 442 Production, index numbers 440, 442	Exports	351
Jan 1 index numbers	Imports 348-	351
Number on farms	Prepared and processed under Federal	
Prices	Production	345
Production	Specified countries	347
Production, index numbers 440, 442	United States	344
Products:	Shipments to Territories	353
Production and value	Specified countries 346, United States Shipments to Territories Mellorine, production Melons:	382
Index numbers	Consumption	
Value:		
Value: Of production 439 Total and per head 426 World. See specific kinds. Loans and debt outstanding: 476-479, 481 - 490, 484 - 496, 499 - 501, 506, 508 Banks for cooperatives 481, 482, 484 Commodity Credit Corporation 481, 482, 506, 509 Economic opportunity 481, 482, 488, 489	Area, production, and farm price Shipments Yield and value See also Cantaloups and Watermelons.	175
World See enecific kinds	Shipments	196
Loans and debt outstanding:	General Control of the Control of th	175
Agricultural, Federal and other agencies	See also Cantaloups and Watermelons. Milk:	
479, 481-490, 494-496, 499-501, 508, 508	Mulk: Condensed: Consumption Disappearance Exports 390, 391, Exports, destination	
Banks for cooperatives 481, 482, 484	Consumption	385
Commodity Credit Corporation	Disappearance	385
Economic opportunity 481, 480, 480, 480, 480, 480, 480, 480, 480	Exports 390, 391,	393
	Exports, destination	391

Milk — Continued Page	National forests — Continued Pag Stock grassed on, and receipts 543, 54 Timber cut 54 Use by hunters and fishes men 54	
Milk — Continued Page Production .361 Stocks, manufacturers' .383 Stocks on hand, Dec. 31 .384 Consumption .384 Disappearance .384, 385	Stock grazed on, and receipts 545, 54	14
Stocks, manufacturers'	Use by hunters and fishes men	8
Consumption 384	National income	17
Disappearance	National income National marketing bill for civilian purchases of food products National Poultry Improvement Plan	
Dec	purchases of food products	47
Dry: Nonfat:	National Poultry Improvement Plan 401, 40	32
Consumption		
Disappearance	Market prices and value	47
Exports destination 301	Can also Basin and Transporting	
Nonfat	Nectarines: Disposition, use, price, and value 233, 4 Production 205, 2 Shipments 205, 2 Nitrogen in commercial fertilizers 466-4 Nonfood Assistance Program 586, 8 Nutrients contributed by food groups 56, 5	
Imports, origin	Disposition, use, price, and value 233, 4	36
Prices	Production	33
Production	Mitnesses in commercial factilities 466 4	80
Stocks on hand Dac 31 384	Nonfood Assistance Program	88
Whole:	Nutrients contributed by food groups 5	52
Consumption		
Disappearance	Area, bearing 2	104
Exports 390, 391, 393	Tree: Commercial production in foreign countries 2 Supply and utilization 2	
Exports, destination	countries 2	56
Prices	Supply and utilization	56
Whole: Consumption 385 Consumption 385 385 Disappearance 385 390, 391, 393 Exports, destination 391 391 Imports 388 9rices 382 Prices 382 383 Stocks, manufacturers 383 Stocks on hand, Dec. 31 384	Outmeal: Consumption, civilian, per capita Exporta, destination	
Stocks on hand, Dec. 31	Consumption, civilian, per capita	49
Evaporated:	Exports, destination	40
Consumption	Osts: 38, 40, 42, 4	195
B'asporated: 385 Consumption 385 Disappearance 385 Exports 390, 391, 393 Exports, destination 391 Prose 382 Production 390, 381 Stocks, manufacturers' 385 Stocks on hand, Dec. 31 384 Marketing orders, Federal 373-377 Priose: 373-377	Area 38, 40, 42, 4 Consumption, civilian Disposition 38, Exports 39,	49
Exports, destination	Disposition	41
Prices	Exports 39, Imports 39,	40
Production	Importa	39
Stocks, manufacturers	Prices: Farm	44
Marketing orders Federal 373 - 377	Market	50
Prices:	Support enerations	39
Farm 370-372, 378	Production	135
Received by producers	Seed, prices paid by farmers	286
Retail	Seeding rates, per acre	98
Prices: 370-372, 378 Farm 370-373, 378 Received by producers 370-375, 378 Retail 370 Producer deliveries 375 Producers, number 374 Production 383, 364	Prices:	39
Producers, number 374	Value	435
Production and utilization, specified	Yield 38, 40, 42,	135
countries	Oil products, consumption	148
Sales 370-372, 376, 377	Oils:	
Utilization	Animal:	140
Value ori, ori	Used in shortening	141
Butter (fat content) 138	Consumption	148
Percentage in milk	Disappearance	142
Prices, farm 370-372, 378	Exports 141-	145
Production:	Animal: Used in margarine Used in shortening Consumption Disappearance Exports Exports I41. Imports Prepared and processed under Federal inspection	1.40
Felor from forms 370 – 372	inspection	345
Total	Prices:	
Mill products, disappearance	Index numbers	150
Value 31.57 Milkfat: 138 Percentage in milk 363.365 Percentage in milk 363.365 Prices, farm 370.372, 378 Production: 96.36 Per cow 363.365 Sales from farms 370.372 Total 363.365 Milk pelta, number produced 55 Mohair: 365,366	Prices: Index numbers	149
Mohair:	Supply and disposition 141	142
Mohair: Price-support operations	Use food and nonfood	142
Molasses:	Used in —	
Edible:	Drying-oil industries	147
Edible: Production, foreign trade, and consumption 97 Industrial:	Shortening	141
consumption 97	Soon	150
Industrial: Production, foreign trade, and market supplies	Vegetable: Exports	
Production, foreign trade, and market	Exporta	144
Production:	Imports, quantity	145
Hawaii 82	Used in margarine	140
Philippines 83	World medication	141
United States	See also Fats. Shortening, and under	
Motortrucks, number on farms	Vegetable: Exports Imports, quantity Used in margarine Used in shortening World production See also Fats, Shortening, and under specific kinds	
supplies 50 Production: 82 Philippines 83 United States 81, 82 Motortrucks, number on farms 427 Mulas. See Horses and mules. Mushrooms:	Oilseed cake and meal:	
Mushrooms: 264 Area is production 264 Priose 264 Production 364 Shipments 196 Value of imports 264 Value of production 264	Oilseed cake and meal: Disappearance Exports	58
Prices	Exports	144
Production	Imports See also under specific kinds	4-90
Value of imports		
Value of production	Exports	144
Mutton. See Lamb and mutton and Mests. National forests:	Imports: Index numbers	
National forests:	Index numbers	563
Area, by States	Quantity World production	145
Fires 540, 541		
National forests. 539 Area, by States 540, 541 Forest products, value 541 Payments to States and Territories 545 Recreational use 545, 546	Exports Prices, wholesale	14
Recreational use	Prices, wholesale	145

Production	Prices, farm	ag
Production 143 Used in drying-oil industries 147 Okra, frozen pack 200, 201 Shimments	Prices, farm 234, Production 208, 234 - 236, Production, foreign 208, 234 - 236,	23
Okra, frozen pack	Production foreign	42
	Shipments	200
Oleomargarine. See Margarine	Unloads	201
Olive oil:	Shipments Unloads Utilization	245
Exports		439
Olive oil: Exports	Peanut cake and meal, stocks and production	12
Prices, wholesale		
Production in specified countries	Exports	144
Production, world	Imports	14
	Exports	145
Imports 234 Prices, farm 233 Production 205, 436	Production	143
Production 233	Peanute:	124
Hillipation	Anna 100 100 100	
Utilization 233 Value 233, 436	Consumption 128, 128, 128, 128, 128, 128, 128, 128,	430
Onions:	Crushed	124
Area and production 178, 179, 437	Peanute: 122, 126, 128, Consumption 123, Disposition 122, Exports 122, Exports 122, Foreign production Imports 124, Milled Prices:	100
Exports	Exports	194
	Foreign production	126
Prices, farm	Imports	140
Shipments	Milled	123
Shrinkage and loss 178, 179	Prices:	
Stocks	Cleaned and shelled, f.o.b.	127
178	Farm 122,	126
Tield and value 179, 437	Descriptions	127
Oranga inica.	Seed prices paid by favorer	430
See also Vegetable seeda. Orange juice: And grapefruit juice, blended, canned pack 251 Canned pack 222, 251 Concentrated, pack 222 Frozen, cold-storage stocks 254 Oranges: 254	Prices: Cisaned and shelled, f.o.b. Farm 122, Support operations 122–124, 126, 128, Seed, prices paid by farmers 122–124, 126, 128, Seed, prices paid by farmers Seeding rates, per acre 284, Stocks on hand 123, Supply and disposition Utilization, shelled Value 122	200
Canned pack 251	Seeding rates, per acre 284, Stocks on hand 123, Supply and disposition	100
Concentrated nack	Supply and disposition	124
Prozen, cold-storege stocks 954	Utilization, shelled	196
Orangee:	Value	436
Exports 994	Yield 122 126	435
Imports 994		-
Prices, farm	Canned:	
Processed, quantity	Exports	239 241
Oranges 224 Exports 224 Imports 224 Prices, farm 219, 220 Production 205, 219, 220, 436 Production, foreign 221 Shipments 225 Unloads 249	Canned: Exports Quantity	241
Production, foreign		
Shipments	Exports Production Exports Parm disposition Imports	239
Trade, international	Production	251
Unloads	Parm disposition	240
Value	Imports	241
Orchardenses seed.	Prices:	239
Orchardgras seed: Area, yield, and production 277, 282, 435 Imports 277 Prices 277, 282 Stocks 277, 282	Prices: Farm 237, Market 237, Market 237, Production 206, 237, 241, Production, foreign 206, 237, 241, Shipments Trade, international Unloads Utilization Value Peas:	990
Imports	Market	230
Prices	Production 208, 237, 241	436
277, 282 277, 282 277, 282 277, 282 277, 282 277, 282 435 282 277, 282 435 282 277, 282 436 282 277, 282 436 282 277, 282 278 27	Production, foreign	230
Value	Shipments	250
Palm kernel oil:	Trade, international	240
Exports	Unloads	249
Imports	Utilization	241
Production, world	Page	436
Palm oil:		
Exports	Dev. 200,	201
Imports 145 Prices, wholesale 149	Area and disposition 994 998	900
Prices, wholesale 149 Production, world 143	Exports	207
Panavas:	Prices, farm 994 295	296
Papayas: Prices	Production	295
Production 202	Seeding rates, per acre	285
Papayas: 242 Prices 208, 242, 436 Utilization 208, 242, 436 Utilization 242 Value 242, 436	Blackeye, frozen pack 200,	435
Value 242 436	Yield	435
Paper: 242, 436	Green: Area and production	
Consumption per capita	Area and production 179, 180,	437
Production and consumption	Canned:	
Paperboard:	Pack	199
Consumption per capita	Person mark	198
Production and consumption 546 Paperboard Consumption per capita 546 Production and consumption 546 Parity prices 447 Parity ratio 453 Paralley, shipments 196 Pasture and range, condition:	Prices farm	100
Parity prices	Shipments	100
Partity ratio	Unloads	196
Parture and reason condition.	Yield and value	437
First of month April December	Canned: Consumption Pack Frozen pack Prices, farm 179, Shipments Unloads Yield and value See also Vegetable seeds	-01
June and September		
Parsey, supments 196	Exports	259
	Imports Production and prices 258, 259, Value 258,	259
Canned:	Production and prices	136
Exporta 994 997	Parameter	136
Quantity	Peppermint:	
Dried:	Vield and farm price	138
Exports	Penners green:	138
Production	Area production and prices	101
Production	Frozen pack	100
Farm disposition 236 Frozen 252, 253	Shipments	100
Fromen 252, 253	Frozen pack 200, Shipments Yield and value	180

Peppers, green: — Continued See also Vegetable seeds.	Page	Spell of the Control	Page
See also Vegetable seeds.			
Persimmons:	040	years	, 559
Production	905 949	Price support: Commodities owned Commodities under loan	506
Persimmons: Prices Production Shipments Value Pesticides, production and foreign trade Phosphate rock, sales and value Phosphoric oxide in commercial fertilisers Pickles:	250	Commodities under loan Granted by COC Operations, investment in See also individual commodities. Prices:	507
Value	242, 436	Granted by CCC	507 506 . 510
Pesticides, production and foreign trade	469	Operations, investment in	. 510
Phosphate rock, sales and value	468	See also individual commodities.	
Phosphoric oxide in commercial fertilizers	466-468	For individual crops or commodities, see specific	
Cannad mark	100	commodity.	
Canned pack Stocks Pig crop	173	For individual crops or commodities, see specific commodity. Consumer, index numbers Farm product Farm-retail spread 445 Index numbers 453 Parity index Producer, index numbers 417 Received by farmers, index numbers 451 Production.	417
Pig crop See also Hogs and Sows. Pimientos, canned pack Pineapple juice, canned pack Piant nutrients, consumption See also Fertilizers.	315, 317	Farm product 447	-450
See also Hogs and Sows.		Farm-retail spread	, 446
Pimientos, canned pack	198	Paid by farmers 483	457
Pineapple juice, canned pack	251	Parity index	453
See also Portilisers	100-100	Producer, index numbers	, 451
Plume		Received by farmers, index numbers 451	, 452
Cannadi		Production: Assets Credit associations, loans Expenses of farmers Operating loans, Farmers Home Administration Per hour, index numbers Proteins (animal), disappearance Prunes juice, canned pack Prunes:	200
Exports	246	Credit associations, loans 481 - 484	480
Quantity	243, 245	Expenses of farmers	464
Quantity Exports Farm disposition Frozen, commercial pack Imports Prioss, farm Production Shimments	242 244	Operating loans, Farmers Home	
Prosen, commercial neck	252 253	Administration 481, 482	1, 481
Imports	246	Proteins (animal), disappearance	N
Prices, farm	243, 244	Prune juice, canned pack	251
Production	, 243-245, 436		
Production 200 Shipments Unloads Utilization Value Pollution abatement practices Promegranates: Prices Production Shipments Value Popporrs:	250	Canned: Exports Quantity 241 Dried:	
Unioses	242 245	Onantity 041	240
Value	243 244 436	Dried:	3, 240
Pollution abatement practices	522-526	Dried: Exports and imports Production Quantity and farm price Exports Press	246
Pomegranates:		Production 243, 244	1, 250
Prices	242	Quantity and farm price	24
Production	205, 242, 436	Process:	240
Value	242 496	Pack	2, 251
Popcorn:	242, 400	Quantity	34
Area, production, and value	298, 299, 435	Imports	24
Popcora: Area, production, and value Yield and farm price Poppy seed, imports Population:	298, 299	Exports Frosen: 255	-24
Poppy seed, imports	145	Shirments	- 240
Population:	***	Unloads	24
Factor from civilian food supplies	490	Utilization 243	-24
Eating from civilian food supplies	429	Utilization 245 Value 24 Value 24 Value 24 Value 25 Value 26 Value 26 Value 27 Value 28 Value 29 Value 2	3, 24
		Pullets, number, Dec. 1	- 39
Cold-storage holdings	347	Pumpkin:	. 04
Consumption	352	Canned pack	. 19
Exports	348, 353	Consumption	. 19
Income from cash and gross	318 319	Frozen pack	0, 20
Prepared and processed under Pederal		See also Versetable seeds	. 194
Consumption Exports Imports Income from, cash and gross Prepared and processed under Federal inspection Prioss, wholesale Production:	345	Pumpkin: Canned pack Consumption Frozen pack Shipments See also Vegetable seeds. Radish, shipments Raisins:	. 19
Prices, wholesale	322	Raisins:	-
Production: Specified countries United States Shipments to Territories Potash in commercial fertilizer	***		
United States	344 359	Imports 230, 25	23
Shipments to Territories	353	Rapeseed:	1, 20,
Potash in commercial fertilizer	466-468	Rapescod: imports	. 14
Potatoes:			
Area	1, 182, 184, 435	Exports	. 14
Exports	197, 203	Oil: Exports Imports Prices, market Production Rates of seeding, for specified crops, per acre. 28	14
Farm disposition	185 186	Production	14
Foreign production	184	Rates of seeding, for specified crops,	
Frozen pack	200, 201	per acre	4, 28
Imports	187	Mations, concentrate, value per 100 lb. fed	
Prices, farm	181, 182	Rations, concentrate, value per 100 lb. fed to milk cowe	30
Sand prices raid by farmers	. 101-100, 630	Real estate, farm:	
Seeding rates, per acre	284, 285		
Shipmenta	196	Interest rates Outstanding, by regions and total	. 48
Stocks	183	Loone:	. 40
Unloads	198	Interest charges payable	. 48
Utilization		Farmers Home Administration	. 49
Exports Parm disposition Poreign production Prosen pack Imports Priose, farm Production Seed, prices paid by farmers Seeding rates, per acre Shipments Stocks Unloads Utilisation Value Yield Poultry:	181, 184, 430	Constanting, by regions and total Loans: Interest charges payable Farmers Home Administration Of operating banks Tases, amount and index numbers 47 Value:	. 47
Yield Poultry: Cold-storage holdings Consumption per capita Cut up under Federal inspection Inspected for further processing Jan. 1, index numbers Products, cold-storage holdings Slaughteed under Federal inspection See also Chickens, Chicks, and Turkeys. Poultry-feed price ratios	. 101, 104, 400	Value: 47	1, 47
Cold-storage holdings	406	By regions	49
Consumption per capita	553, 554	By regions	2, 42
Cut up under Federal inspection	406	Red clover seed: Area, yield, and production	
Jan 1 index numbers		Area, yield, and production 275, 28	0, 43
Products, cold-storage holdings	406	Imports	. 27
Slaughtered under Federal inspection	406	Prices 27	8. 20
See also Chickens, Chicks, and Turkeys.		Exports Imports Prices 27 Stocks Value 276, 28	. 27
Poultry-feed price ratios	404	Value 275, 28	0, 43

Rhubarb, frozen pack	Marketings 329, 33 Number in specified countries 329, 32 Number, Jan. 1 324, 32 Number on feed, Jan. 1 326
Rice:	Number Jan 1 994 994
Rice: Area 19-21, 25, 26, 435 By length of grain 20-22 Area, yield, and production 20, 21 Stocks 22 Consumption, civilian 49 Disposition 19, 23 Exports: 19, 23	Number, Jan. 1 324, 321 Number on feed, Jan. 1 324
By length of grain	Prices:
Area, yield, and production 20, 21	Farm
Stocks 22	Market 325
Disposition 10 ca	Slaughter
Exports: 19, 25 Destination 24 Under specified Government programs 23 Prices:	Prices Farm 329, 334 Market 325 Shipments 329, 330 Slaughter 329, 330 Under Federal Inspection 322, 351 Stock sheep 322
Destination	Under Federal Inspection 999 981
Under specified Government programs 23	Stock sheep
Prices:	Stock sheep . 336 See also Sheep and lambs and Livestock.
Farm 19, 23	Sheep and lambs:
Market 29	Carcassess condemned
Production 10 01 02 05 05 05	Jan 1 by classes and Chatan States States
Products, consumption per capita	On feed 324, 325, 425
Seeding rates, per acre	Shorn for wool
Stocks 19, 20, 22	Prices, farm 329, 334
Prices: 19, 23 Farm 19, 23 Market 29 Support operations 19-21, 23, 25, 26, 43 Production 19-21, 23, 25, 26, 43 Products, consumption per capita 284, 285 Seeding rates, per acre 284, 285 Stocks 19, 20, 22 Supply and disappearance 27, 28 Value 19, 23, 435 Yield 19-21, 25, 26, 33 Rosin: Consumption, industrial 57, 540	See also Sheep and lambs and Livestock.
Trade, international	Shipments at public stockyards
Value 19, 23, 435	Sking
Roein: 19-21, 25, 26, 435	Exports 984 988
Consumption, industrial 547, 549	Imports 384 Origin 384
	Origin 354
Supply and distribution	Sinughter:
Rural Electrification Administration:	Farm 329, 330, 332
Borrowers, status of	Sinughter: 329, 330, 332 Under Federal inspection 329, 332, 387 Value: 332, 367 332,
Borrowers, status of 481, 482, 494-496, 499-501 Services 494-503 Rural Telephone Bank 499-501	Value: Jan. 1 Of production 329, 330, 439 See also Lambs, Livestock, and Sheep. Shortening:
Purel Telephone Book	Of production
Rye:	See also Lambs, Livestock, and Sheep.
Area	Shortening: Consumption: 140, 148 Civilian 140, 148 Military 140 Exports 140
Consumption, civilian	Consumption:
Disposition	Civilian
Exports	Military
Flour, consumption per capita 49	Manufacture, fata and oils used
Imports 16	Prices, wholesale
Prices:	Production 140
Market 20	Supply and disappearance
Support operations 17	See also Fats and Oths.
Production	Sux, imports
Prices: 16 Prices: 18 Prices: 18 Prices: 18 Prices: 18 Prices: 19 Prices: 19 Production 29 Support operations 15 - 18, 436 Seeding rates, per acre 284, 286 Stocks on and off farms 15 Supply and disappearance 16 Utilization 16 Velue 15, 17, 435 Yield 15, 18, 18, 436 Prices 18 Prices 19 Prices 19 Prices 279 Prices 27	Sirup: Corn:
Stocks on and off farms	Consumption civilian per cenits 40
Supply and disappearance	Consumption, civilian, per capita
Utilization 16	Maple:
Viald 15, 17, 435	Maple: Consumption, domestic
Ryagrass seed, all:	Imports 97
Area, yield, and production 279 283 436	Consumption, domestic 97
Exports	Value 492
Imports	Refiners' production and consumption 97
Prices 279, 283 Stocks 279, 283, 436 Value 279, 283, 436	Sugarcane:
Stocks	Production
Value	Consumption 97
Cabbase utilised	Sugarcans: 97 Sugarcans: 97 Consumption 97 Sirups, edible: 97 Sirups, edible: 97 Sirups, edible: 97 Sisal, imports for consumption 97 Sixial; 100 100 100 100 100 100 100 100 100 10
Canned nack	Signal, improrts for consumption
Canned pack 198 Consumption 199 Stocks, canners' and distributors' 201	Skins:
Stocks, canners' and distributors'	Exports
Sausage: Strong 348 Exports 349	Exports 354 Imports 354 Imports, by country of origin 354 Index numbers, imports 522 Mink pelts produced 355, 356
Exports	imports, by country of origin
Imports 345 Imports 349 Prepared and processed under Federal 349 Prepared and processed under Federal inspection 345 School lunch programa, quantity and costs 556 - 559 Seeding rate for specified crops per acre, by States 284, 285 Seedir.	Mink selts produced
Prepared and processed under Federal	
School lunch programs quantity and grate SSS SEC	Consumption
Seeding rate for specified crops per acre.	Manufactured
by States 284, 285	Manufactured 107 Soap, consumption 148 Soap, manufacture, fats and oils used 150 Softwoods, production 541 Soil conservation: Districts: Growth 557
Seeds: Area, yield, and production 274-283, 435, 496 Bought, cost to farm operators 464 Field:	Soap, manufacture, fats and oils used 150
Area, yield, and production 274-283, 435, 436	Softwoods, production
Bought, cost to farm operators	Districts:
	Growth 897
Prices, tarm 275 - 283 Prices, paid by farmers 286 Stocks on hand, June 30 275 - 279 Imports under Federal Seed Act 287, 289 Value 275 - 283, 435, 436 See also under specific kinds. See also under specific kinds.	Growth 527 State and Local appropriations 528 State participation 528 Plans 531 Practices applied 532 Surveys, area 529
Stocks on hand, June 30 978 978	State participation
Imports under Federal Seed Act 287 280	Plans 531 Practices applied 532 Surveys, area 529
Value 275-283, 435, 436	Surrent area
Vegetable. See Vegetable seeds.	Soil Conservation Service:
See also under specific kinds.	Surveys, area S22
	Flood prevention operations
Exports and world production	Great Plains
Prices, wholesale	Watershed improvements 534
Oil: Exports and world production 143 Prices, wholesale 149 Seed, imports 145	Sorghum:
	50, 52, 435

Sorghum: — Continued Page Grain:	Utilization
Grain: Dissetter provisions 517, 518 Dissetter provisions 50, 53 Exports 50, 53 Exports 50, 53 Exports 50, 53 Exports 50, 53 Prices, farm 50, 53 Prices, market 50 Stocks on and off farms 51 Supply and disappearance 52 Stocks 50	Value
Disposition 50, 53	Sugar:
Exports	Sugar: Beet: Production, United States
Payments to producers	Production, United States 77
Prices, farm	Production, world
Stocks on and off farms	
Supply and disappearance	Produced per ton of cane
Support operations	
Production	In Hawaii82
Seed, prices paid by farmers	In Philippines
Seeding rates, per acre	In United States
Vield 50 52 495	Stocks production and deliveries 86
Sows:	Stocks, receipts, meltings, and deliveries 87
Farrowing	Consumption:
Packer purchases, average weight and cost 322	Military and civilian, total and per capita 83
See also Hogs and Pigs.	Corn, consumption, civilian, per capita 49
Sows: Farrowing	Production:
exports	Imports 85, 88, 89, 90
	Imports, index numbers
Soybean oil:	Maple:
Exports 131, 134, 143, 144	Production
Prices:	Daisses
Wholesale 149	Retail, United States
Production	Wholesale, at New York
Wholesale 149 Production 131, 143 Stocks 131	Production, world
I lead in —	Marketings, by source 55 Prices: Retail, United States 90 Wholesale, at New York 90 Production, world 54, 85 Stocks, production, trade, and supply available for consumption 83 Trade, international 88, 89 Sugarbeet seed:
Drying-oil industries	Trade international 89 80
Shortening 141	Surerheet seed:
Drying-oil industries	Sugarbeet seed: Area, yield, production, price, and value
	Sugarbeeta:
Crop insurance	Area 77, 78, 80, 435
Crushed	Prices, farm
Disposition 199 132	Value 77. 78. 435
Area 129, 131, 133, 436 Crop insurance 476 Crushed 131 Disappearance 130 Disposition 129, 132 Exports 130, 134 Foreign production 130 Imports 146 Prices: Farm 129, 132	Area, yield, production, price, and value 79 Sugarbeets: Area 77, 78, 80, 435 Prices, farm 77, 78 Production 77, 78, 80, 435 Value 77, 78, 435 World area and production 80 Yield 77, 78, 80, 435 See also Beets. Sugarcane:
Foreign production	Yield 77, 78, 80, 435
Imports	See also Beets.
Prices:	Sugarcane:
Prices 129 132 132 132 132 132 132 133 133 134 135 136 1	See also Bests
Support operations	In Hawaii 82
Production	In Philippines
Seed, imports	Prices, farm
Seed, prices paid by farmers	Production for sugar and seed 81, 82, 430
Stocks on and off farms 129 130	Viold per acre 81, 82, 435
Supply and disappearance	Sunflower
Value	Support prices, commodity 458, 459
Yield 129, 131, 435	Sweetpotatoes:
Spearmint: Area, production, and value 137, 138 Yield and farm price 137, 138 Special Milk Program 556, 558 Special Milk Program 556, 556 Special Milk Progr	Consumption 197
Vield and farm price 137, 138	Farm disposition 190, 191
Special Milk Program 556, 558	Prices
Sperm Whale oil:	Production
Exports 143 Production, world 143	Seeding rates, per acre
Production, world	Sweetpotatoes: 189, 190, 435 Area
Spinach: 188, 189 Canned pack 198 Consumption 199 Prosen pack 200, 201 Shipments 196 Yield and value 196 See also Vegetable seeds 189	Vield 189, 435
Canned pack	Tallow: Edible:
Consumption	Edible:
Frozen pack	Exports
Viold and value	Production world
See also Vegetable seeds.	
Squash:	Exports 144, 146 Factory consumption 147
Canned pack	Factory consumption
Frozen pack	Imports 147
See also Vosestable seeds	Production 147
Canned pack 198 Frosen pack 200, 201 Shipments 196 See also Vegetable seeds. 311 Stags, slaughter under Federal inspection 311	Imports
Steers:	Used in soap 180
Steers Beef prices, market 307 Number, Jan. 1 300, 303 Slaughter under Pederal inspection 311 Strawberries 311	Tall oil: Prices, wholesale
Number, Jan. 1	Frices, wholesale
Strawberries:	Used in soap
Area	Tampico, imports for consumption
Area 247 Proses pack 252, 253 Prices, farm 247, 248 Production 206, 247, 248, 436	Tangelos
Prices, farm 247, 248	Tangerine, juice, pack
Production	Tangerines:
Shipments	Prices, farm

Tangerine — Continued Pa Shipments	Trade, international—Continued Pag Citrus fruit
Shipments 2 Unloads 2 See also Citrus Fruits.	
Terre	Mant
A A	Pears
Taxes:	Sugar
Amount	Sugar
Area, production, and yield 189, 43 Taxes: Farm real estate: Amount 471, 47 Index numbers 471, 47 Exports from principal countries 26	Sugar
Tea:	Transportation costs, rail and truck
Tea: Exports from principal countries 26 Imports, origin 26	Wool an hour 341, 34 Transportation costs, rail and truck 44 Truck crops. See Vegetable crops. Tung oil:
Telephone borrower statistics	Tung oil: Exports and production
Monthly bill	Imports
Number of farms with service	Prices, wholesale
Revenues and expenses	Imports
Exports from principal countries 22 Imports, origin 22 Imports, origin 23 24 24 25 25 25 25 25 25	Turkeys:
	Turkey-feed price ratios
Prices 54 Products 542, 54	Consumption: 40
Products 542, 54 Removals and growth 536, 53 Volume 536-53 Timothy cond-	Per capita and total
Volume 536-53	Per capita and total 40 7 Disposition and income 408, 40 Number raised 409, 42
Area, vield, and production	7 Disposition and income
Timothy seed:	
Prices	Prices 41
Imports 271 272 273 274 274 275 276	Prices
Stocks 276, 281, 28 Value 276, 281, 43 Tobacco: 276, 281, 43	Production 408, 409, 431 Sales 408, 409
Area	Supply and distribution
Chewing:	Value, breeder hens, Dec. 1:
Chewing 99-106, 43 Consumption 100 Manufactured 107 Consumption 107 Consumption 108	Sales Supply and distribution 400 Supply and distribution 400 Tested for pullorum disease 400 Value, breeder hum, Dec. 1: Per head and total 407, 400 See also Poultry. Turning greens, frosen pack 200, 200
Consumption	Turnip greens, frozen pack
Crop insurance	Shipments
Crop insurance Crop	See also Vegetable seeds.
Index numbers	Turpestine: Consumption 547, 544 Prices and value 547
imports: 102-105, 110, 111	Prices and value
Origin	Supply and distribution 547 See also Naval stores. Utilization of farm commodities:
Pricee:	
Farm	Barley, in alcoholic products
Production	Cherries
Consumption . 108 Manufactured . 107	Area
Smoking:	Grapes
Manufactured	Milb
Manufactured 107 Smoking: 108 Consumption 108 Manufactured 102 – 107 Stocks 102 – 107 Supply and disappearance 102 – 106 Trade, international 1110, 111 Value 99, 435 World area and production 100, 101 Yield 99 – 105, 435 See also Cigarettes, Cigars, and Snuff. Tomato products: Coatsup exports 100	Land 419, 420 Milk 366-369 Olives 236 Peaches 236 Pums and prunes 241 Ptaral index 243-245
Trade, international	Peaches
Value 99, 436	Plume and presses
World area and production 100, 101	Plums and prunes 243 - 245 Total index 439
See also Cigarettes, Cigars, and Snuff 99-106, 435	Total index 243 – 245 See also individual items. 439 Value of agricultural commodities:
Tomato producta:	Crons:
Juice	Value of agricultural commodities: Crops: Principal Specific. See under name of specific crop. Vegetable Exports Exports Imports 561, 562, 567, 568, 572, 573 Livestock Veal: Val:
Canned pack 198 Exports 193	Specific. See under name of specific crop.
Paste:	Exports
Exports	Imports
Imports 193 Purports 193 Purports 198 Purports 198	Veal: 426, 439
	Consumption
Area and production	Production
Consumption	Vegetable fats and oils:
Exporta	Fats. See Fats, vegetable.
Exports 190	Oils. See Oils, vegetable.
	Veal: Consumption 382 Production 344, 352 See also Beef, Beef and Veal, and Meats. Vegetable fats and oils: Fats. See Fats, vegetable. Oils. See Oils, vegetable. Vegetable fiber, imports 76, 77 Vegetable seeds: Area and production 288 Admitted under Federal Seed Act 287, 289 Stocks on hand 288 Area. 182, 153, 437 Canned: 152, 153, 437
Exports	Area and production
Exports 193 Imports 193 Price, farm 191-193 Shipments 194-193 Vield and value 196	Stocks on hand
Shipments	Vegetables: 288
See also Vagetable made	Area 152, 183, 497
Shipments 191-193 Shipments 196 Yield and value 196 See also Vegetable seeds 191 Fractors, number on farms 427 Frade, international:	Canned: 199, 203
See also Machinery, farm.	
Apples	Pack 198 Stocks 201 Exports, index numbers 561
	Exports, index numbers

Vegetables Continued	Page	Wheat: — Continued Exports, destination	Page
Frozen: Cold-storage stocks	900		
Consumption	909	Prices	4 11 19
Pack	200, 201	International Wheat Agreement	14
Orders, marketing	619	Loss program Commodity Credit	
Production	152 154 437	Loan program, Commodity Credit Corporation	504-509 511-514
Shipments	196	Payments to producers	E1E E18
Unloads	195		010-010
Value	152 155 437	Prices:	
See also under specific kinds.	100, 100, 10.	Farm	
		Market	
Area vield and production	279, 283, 436	Support operations	
Imports and stocks		Production	1, 2, 4-10, 435
Prices	279, 283	Seed, prices paid by farmers	200
Value	279, 280, 436	Seeding rates, per acre	284, 280
Wages, farm:		Stocks:	
Average earnings received	431, 432	By classes	
Rates	433, 434	On and off farms	
Index numbers	433	Supply and disappearance	
Walnuts, English:		Trade, international	
Exports and imports	260	Value	1, 8, 430
Production in foreign countries	256	Yield	1, 2, 5-7, 9, 10, 430
Production, prices, and value	260, 436	Wood-pulp production	
Warehouse space, refrigerated	586	Wool:	991
Water conservation. See Conservation.		Carpet, imports	
Watermelons:	101	Consumption, total	998 941 941
Area, production, and prices	194	Exports	330, 341, 341
Shipments	107	Imports: By grades	94
Unloads		Index numbers	
Yield and value	194	Origin	34
See also Melons and Vegetable seeds		Quantity for consumption	
Watershed improvements of Soil Conservation Service	594	Prices:	
Weed killers, production and foreign to	460	Delivered to U.S. mills	39
Weights:	TRIDE	Farm	335 - 33
Equivalent measures	V_VII	Price-support operations	33
Tables, explanation	IV	Production, pulled	
Wheat:		Production, shorn	
Area	1 2 5-7.9.10.435	Production in specified countries	33
Cereal, consumption per capita	49	Trade, international	341, 34
Consumption		Value	335-33
Crop insurance		Weight per fleece	
Disaster provisions	516-518	World production	
Disposition	1.8	Workers, farm:	
Exports:	4. 11-14	Average days worked	431, 43
Specified Government programs	11	Average earnings received	431, 43
Flour:		Hired, number and index	43
Consumption, civilian, per capita	49	See also Labor and Employment.	

7 5139 22



